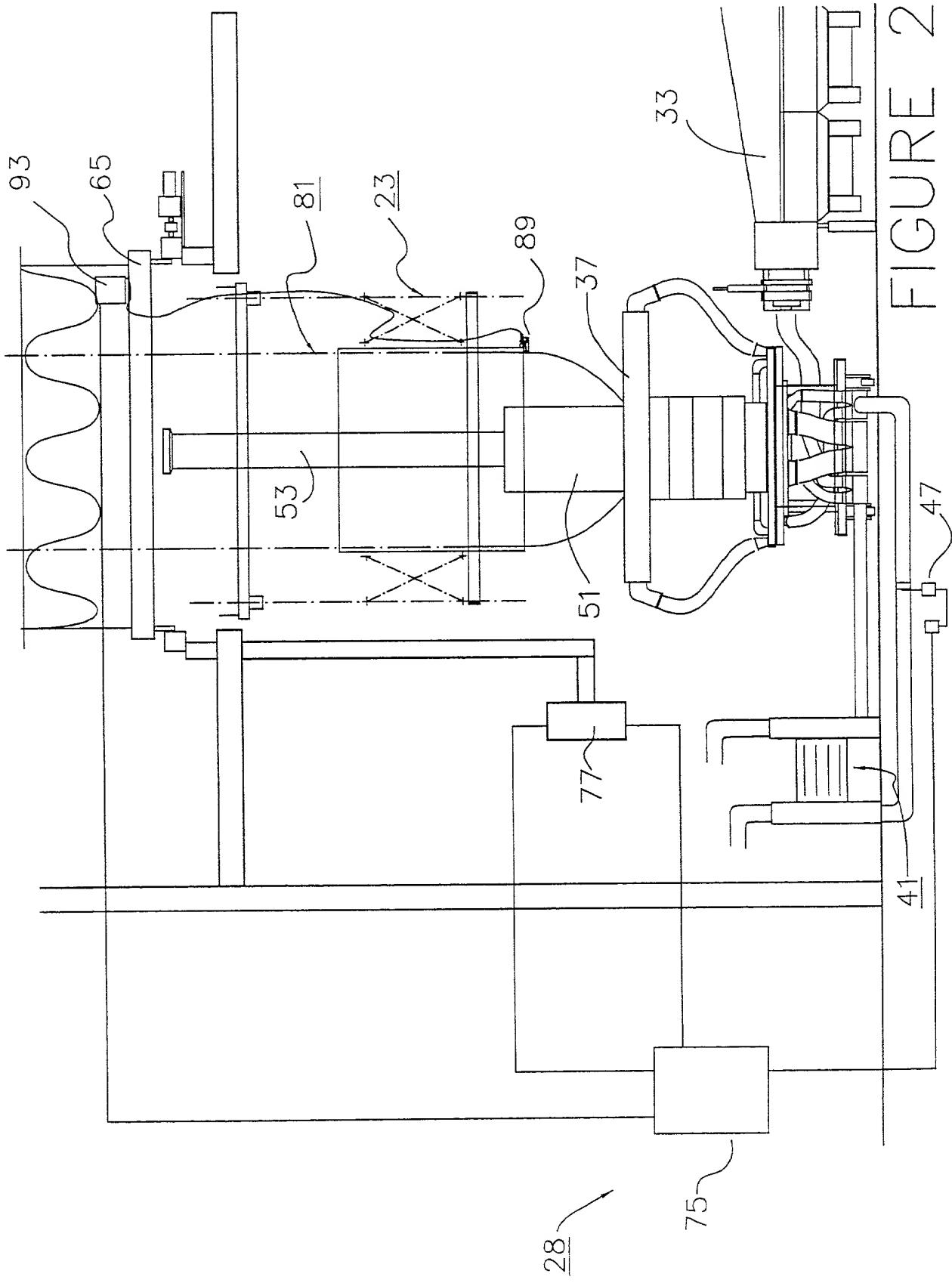


FIGURE 1

FIGURE 2



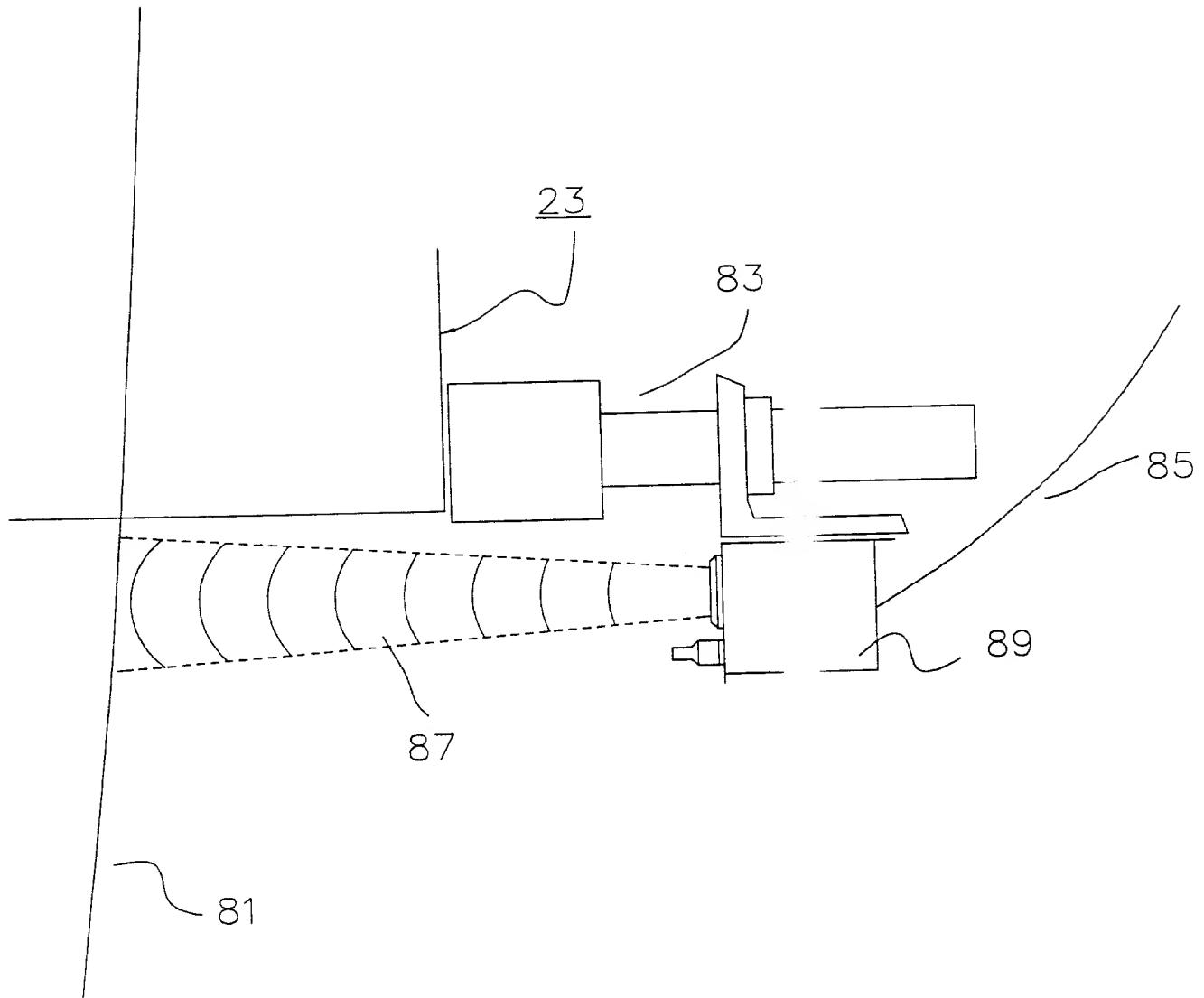


FIGURE 3

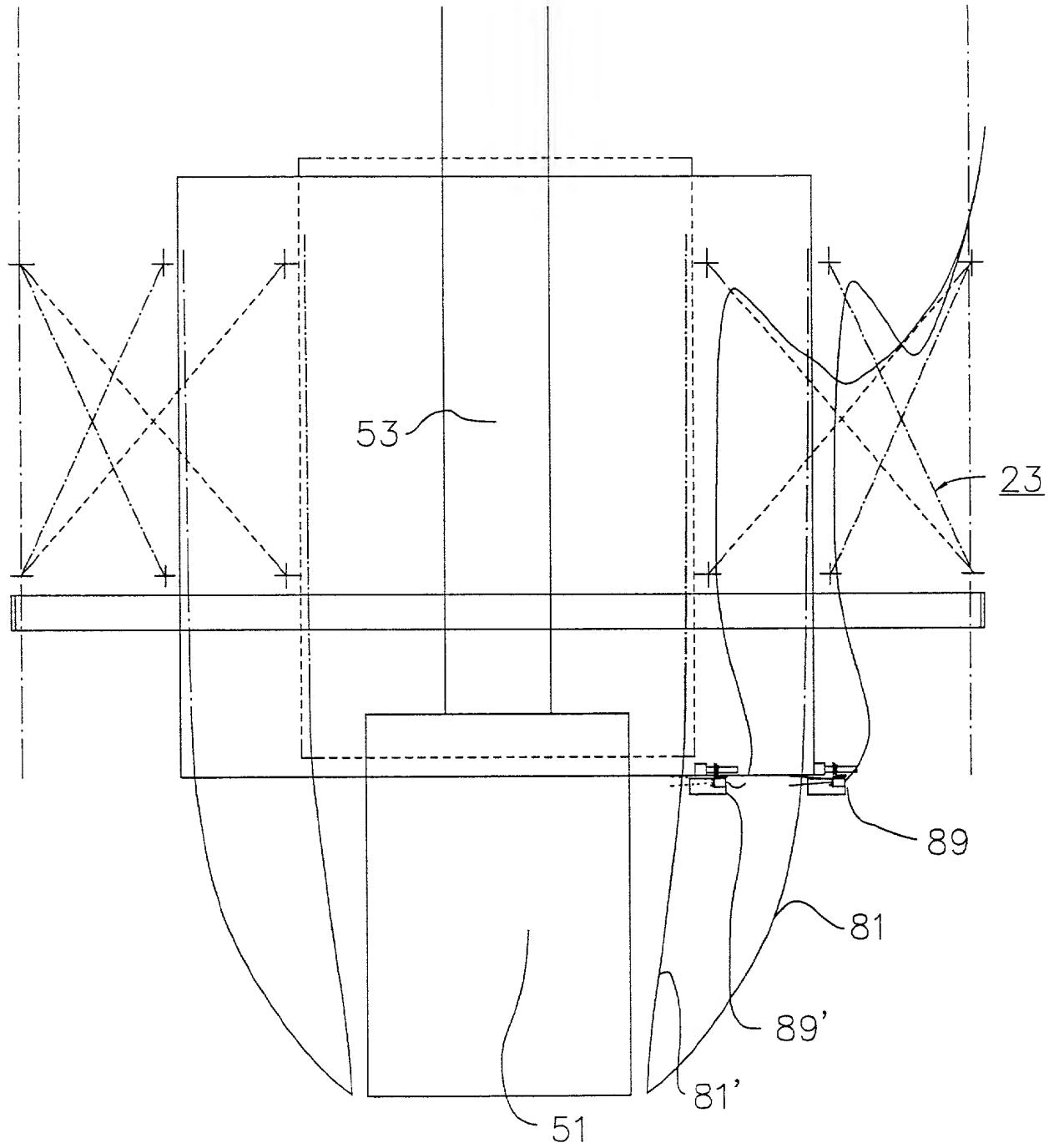


FIGURE 4

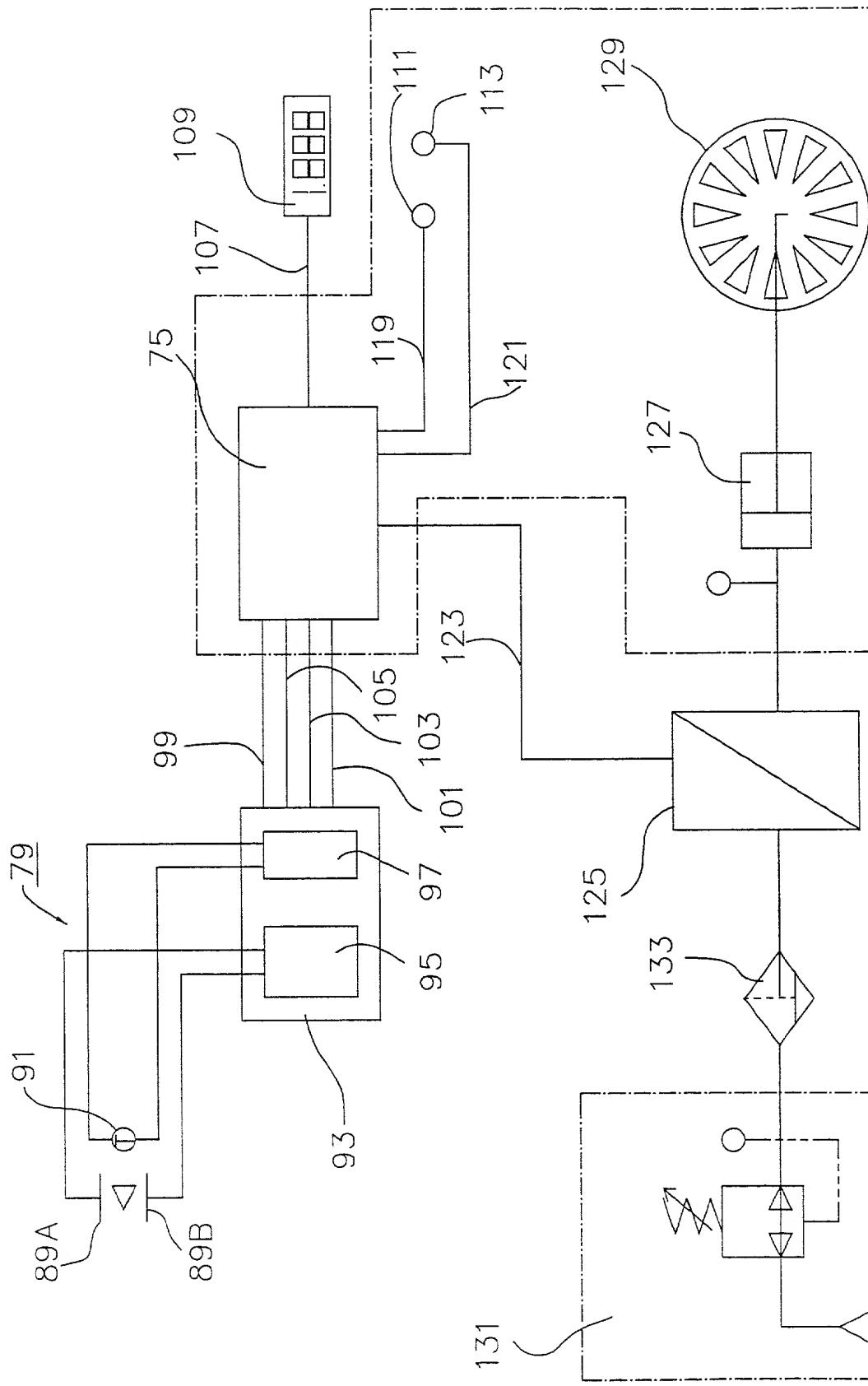


FIGURE 5

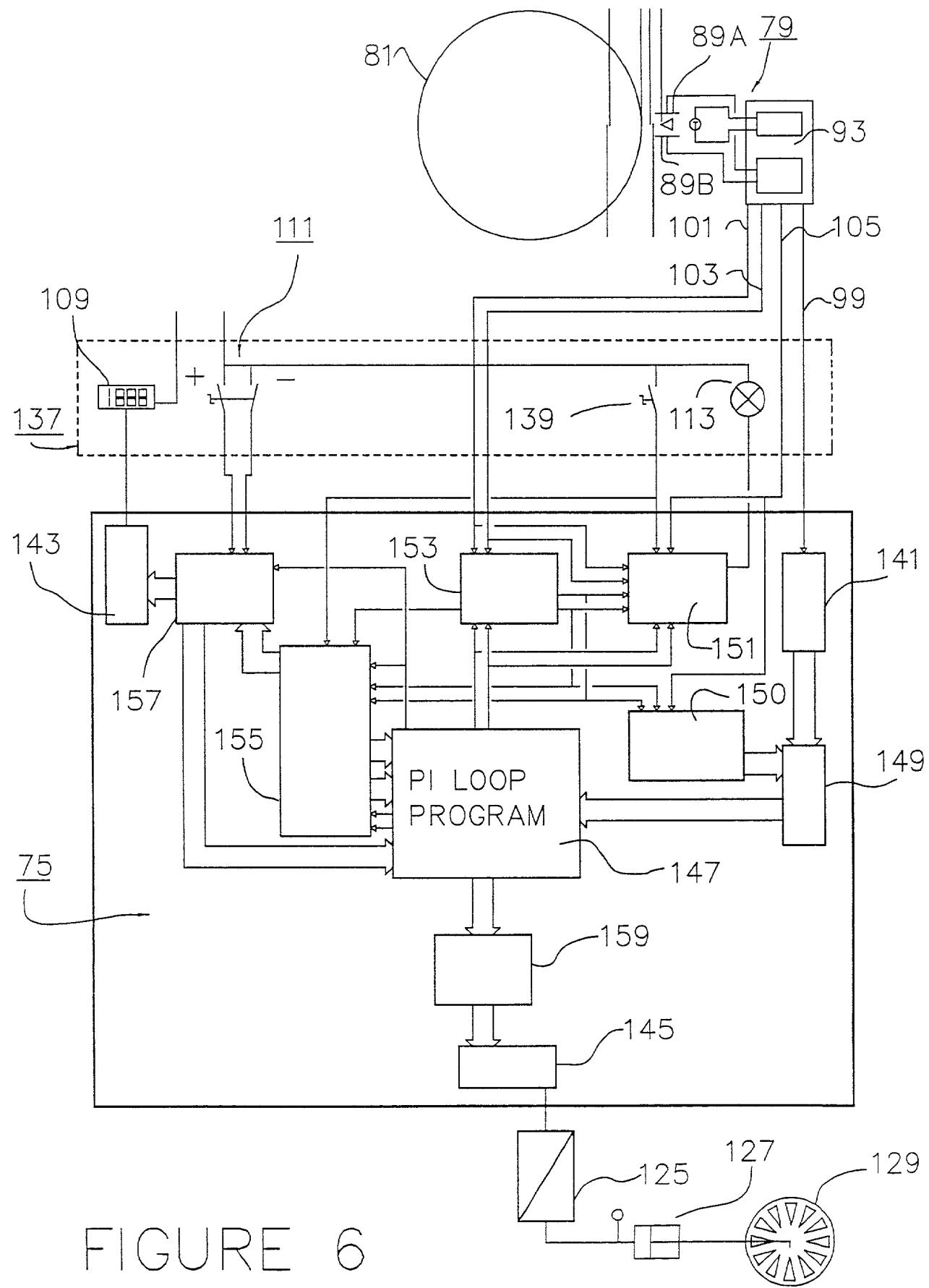


FIGURE 6

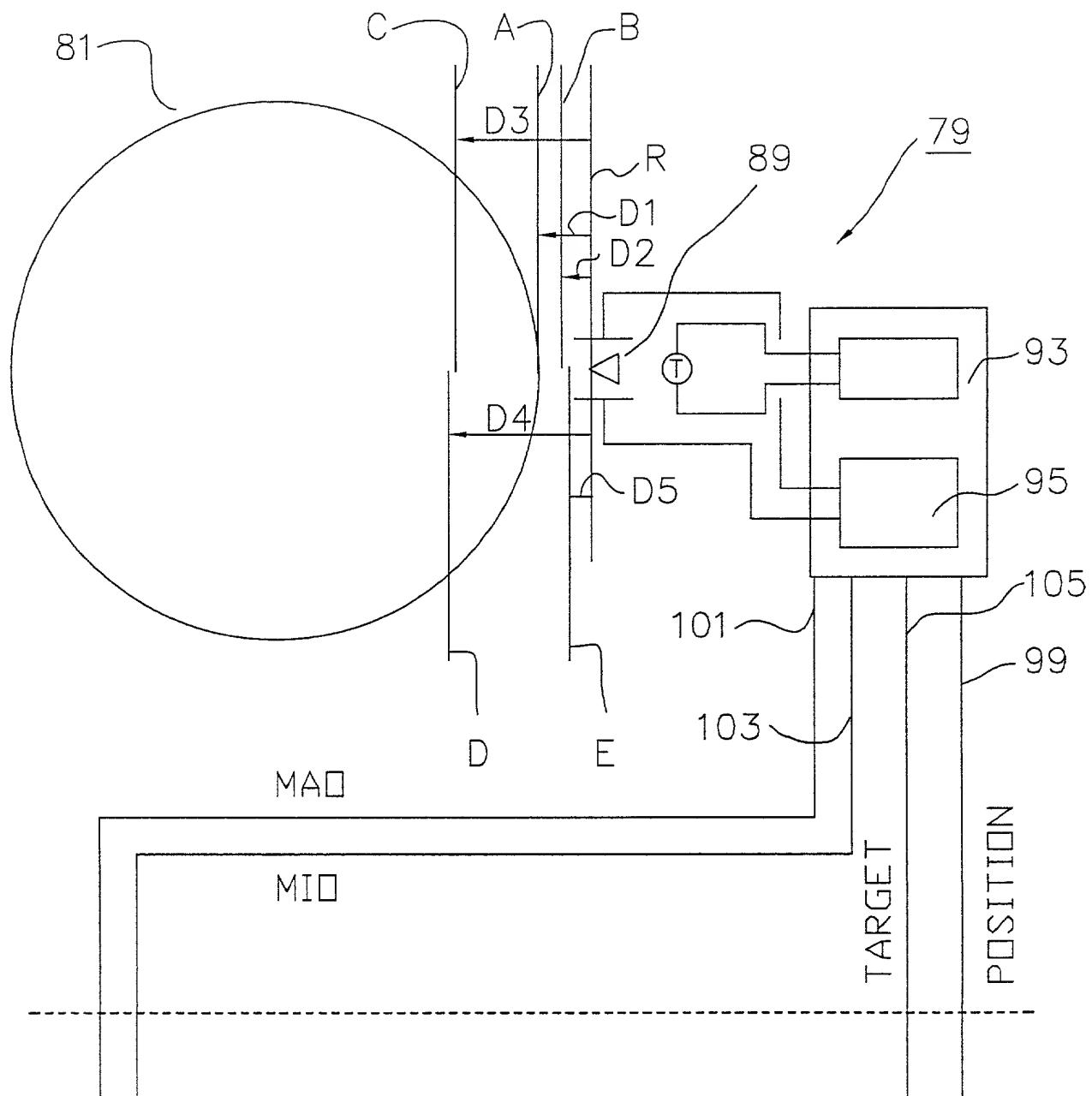


FIGURE 7A

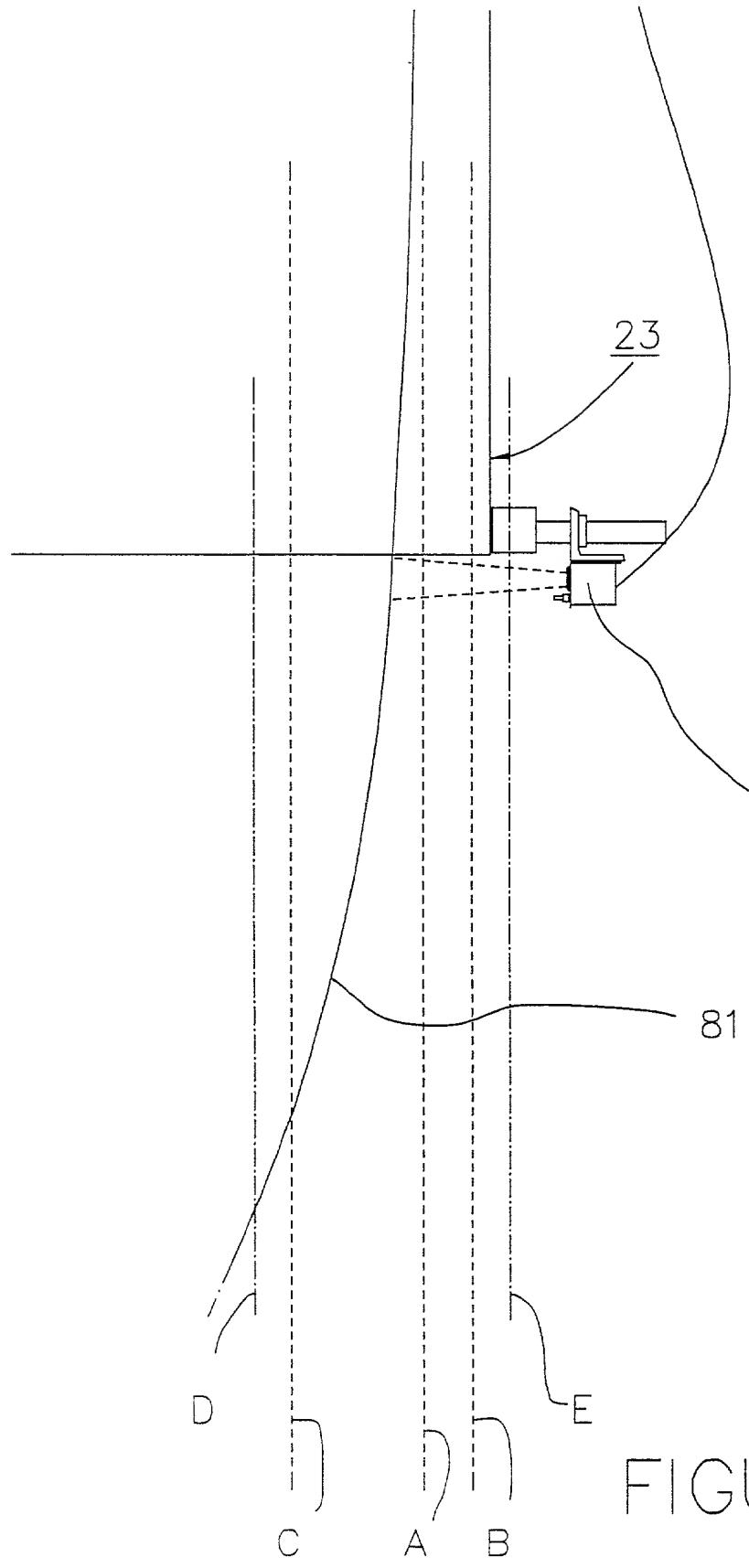


FIGURE 7B

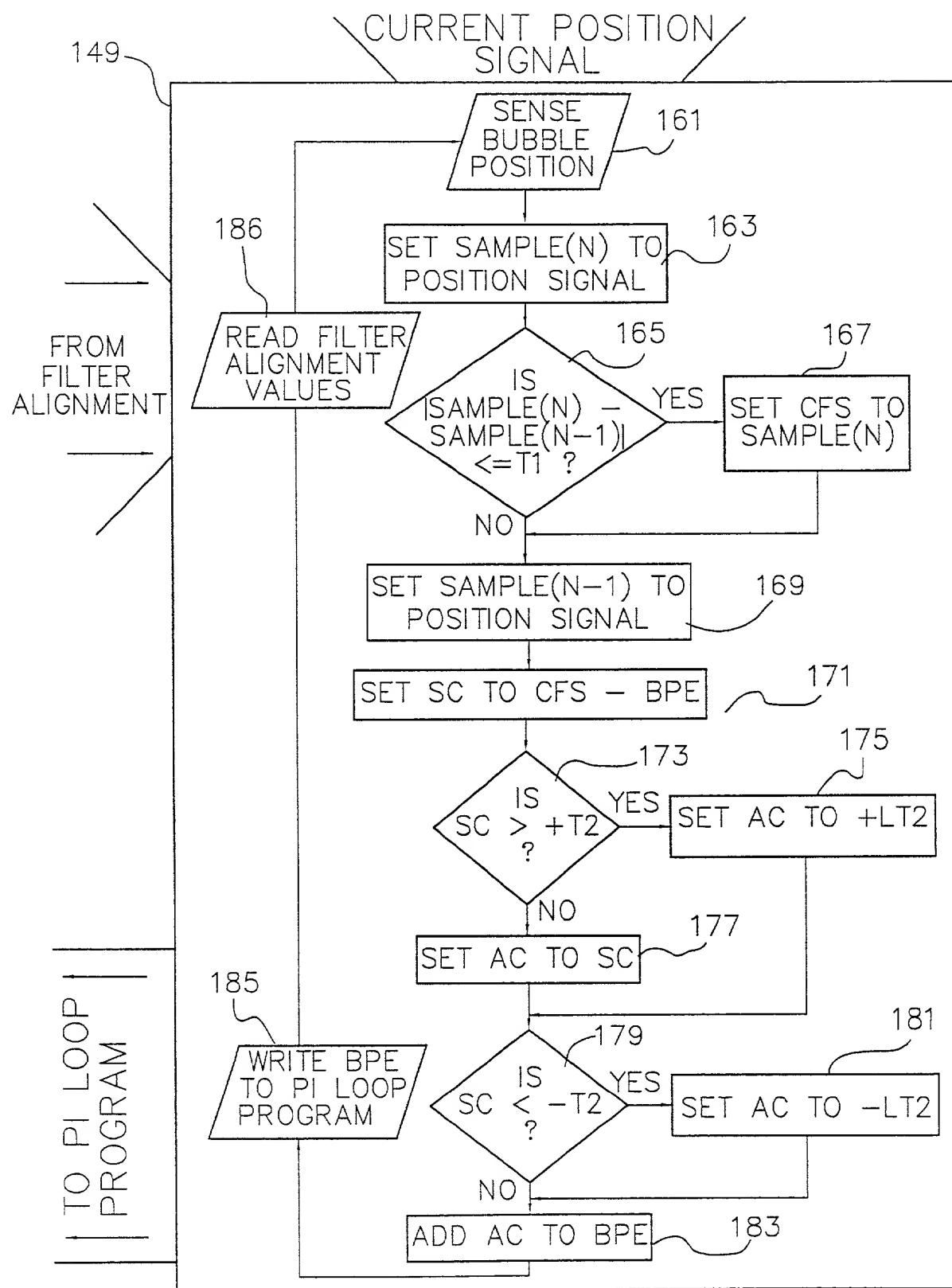


FIGURE 8A

IS-IBC1 FILTER SIMULATION
INPUT = RAMPING LINE WITH RANDOM NOISE

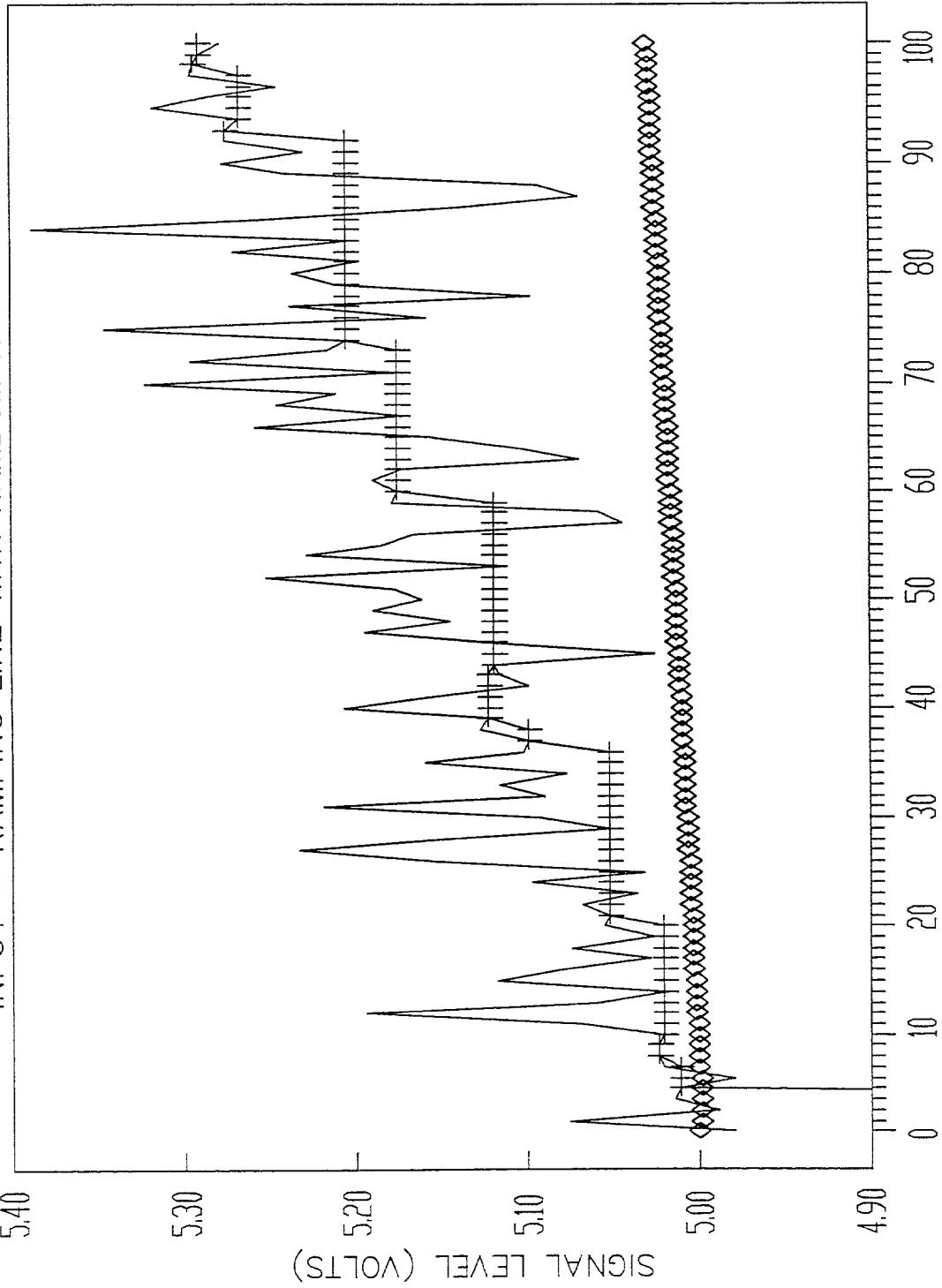


FIGURE 8B

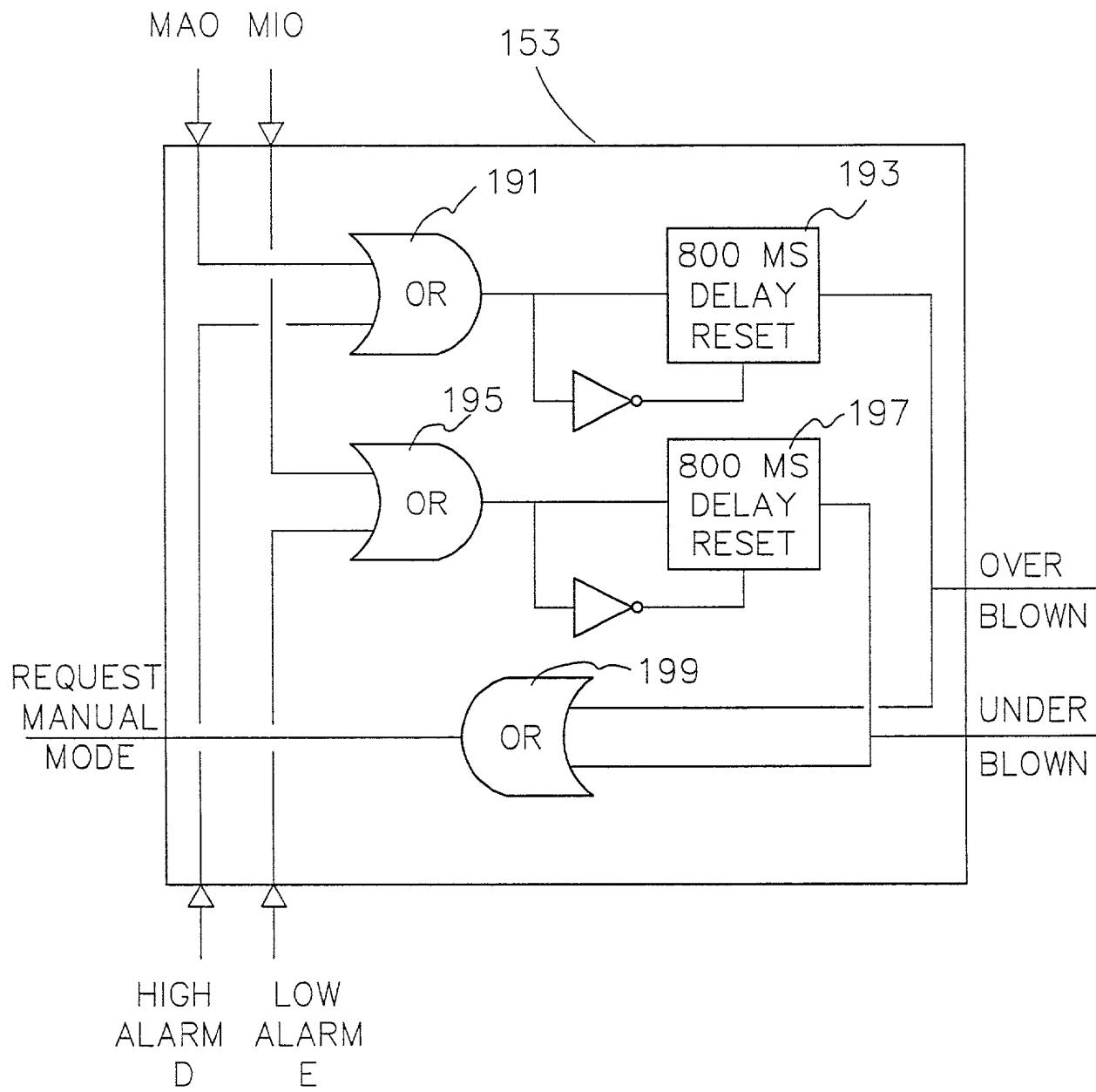


FIGURE 9

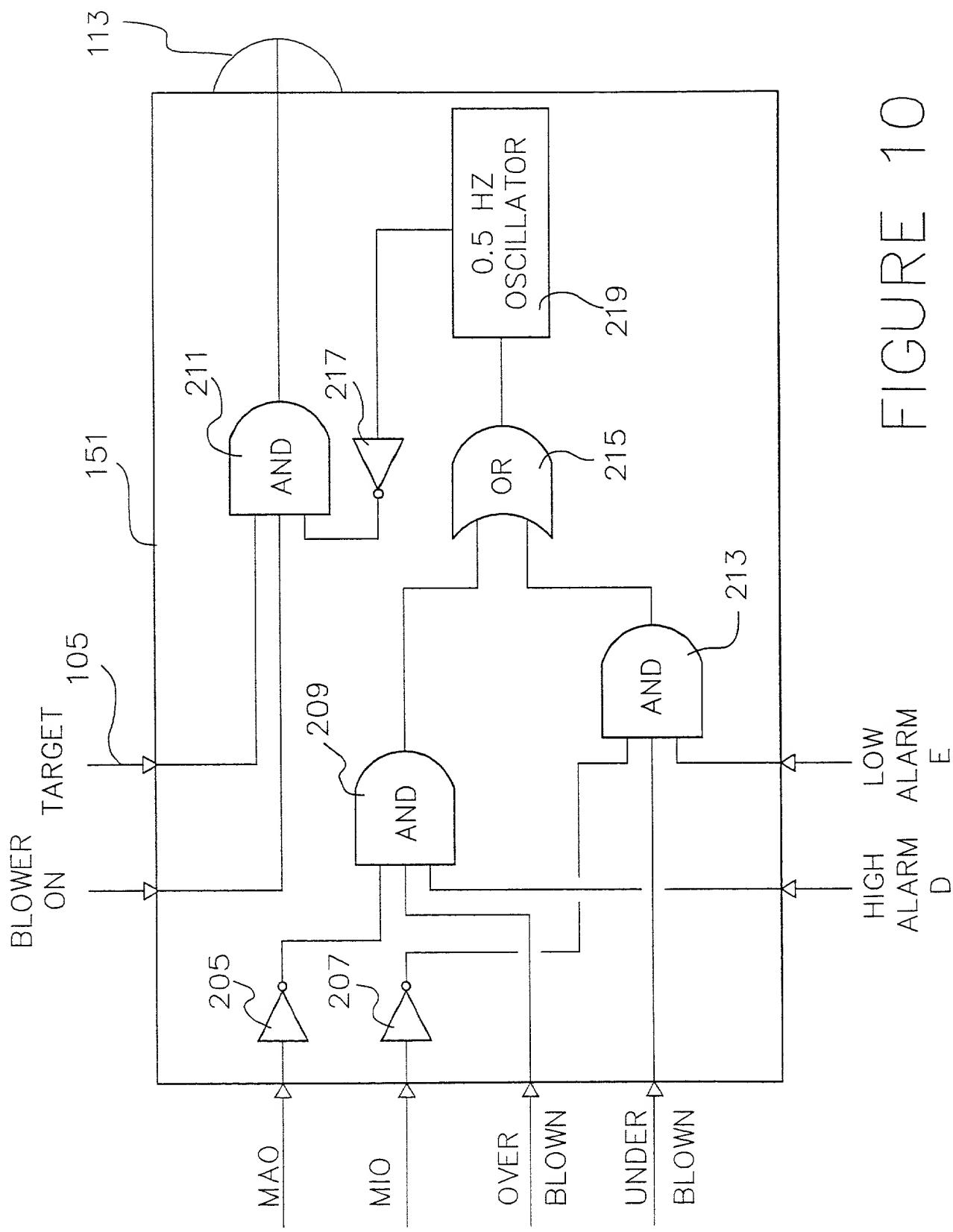


FIGURE 10

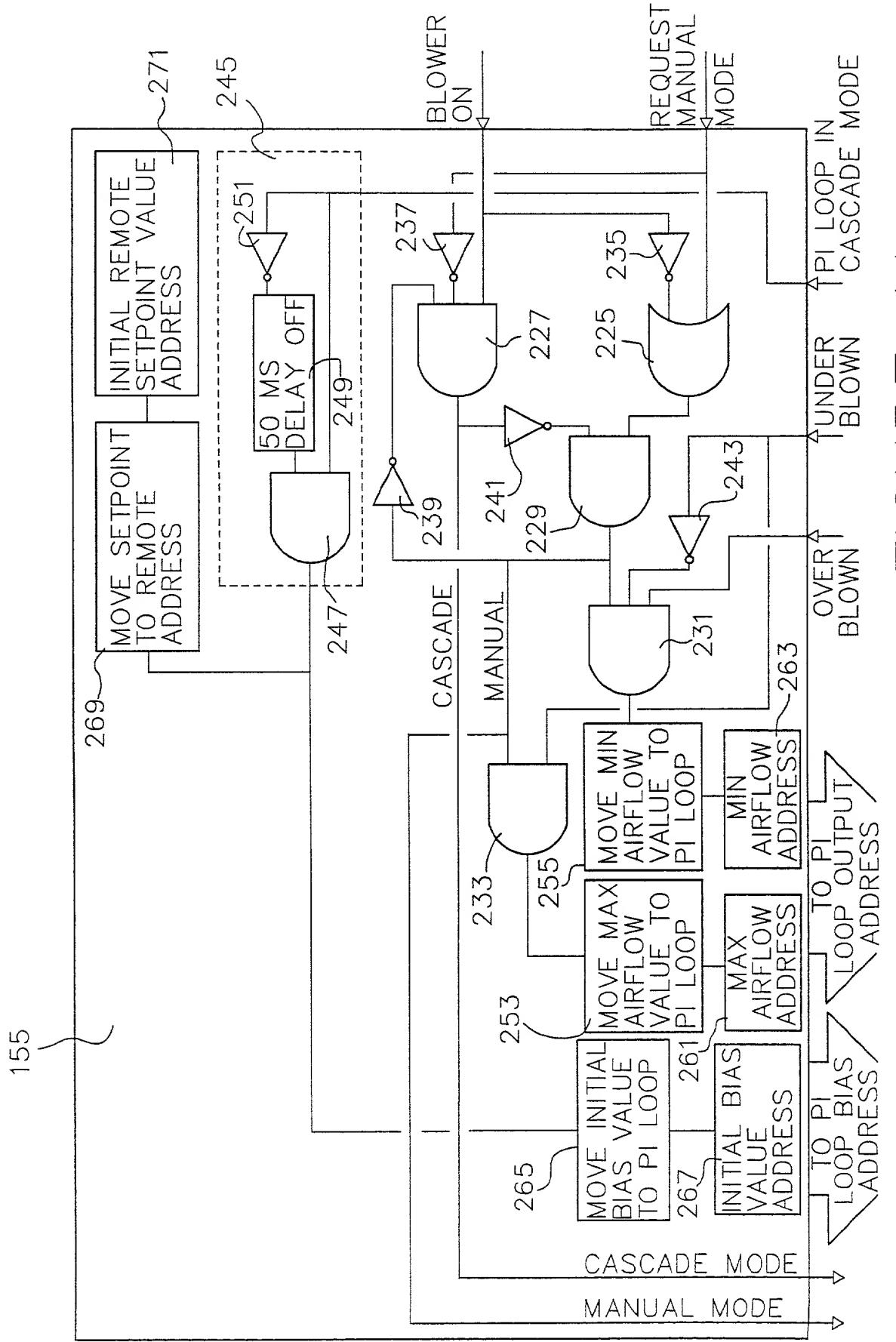


FIGURE 11

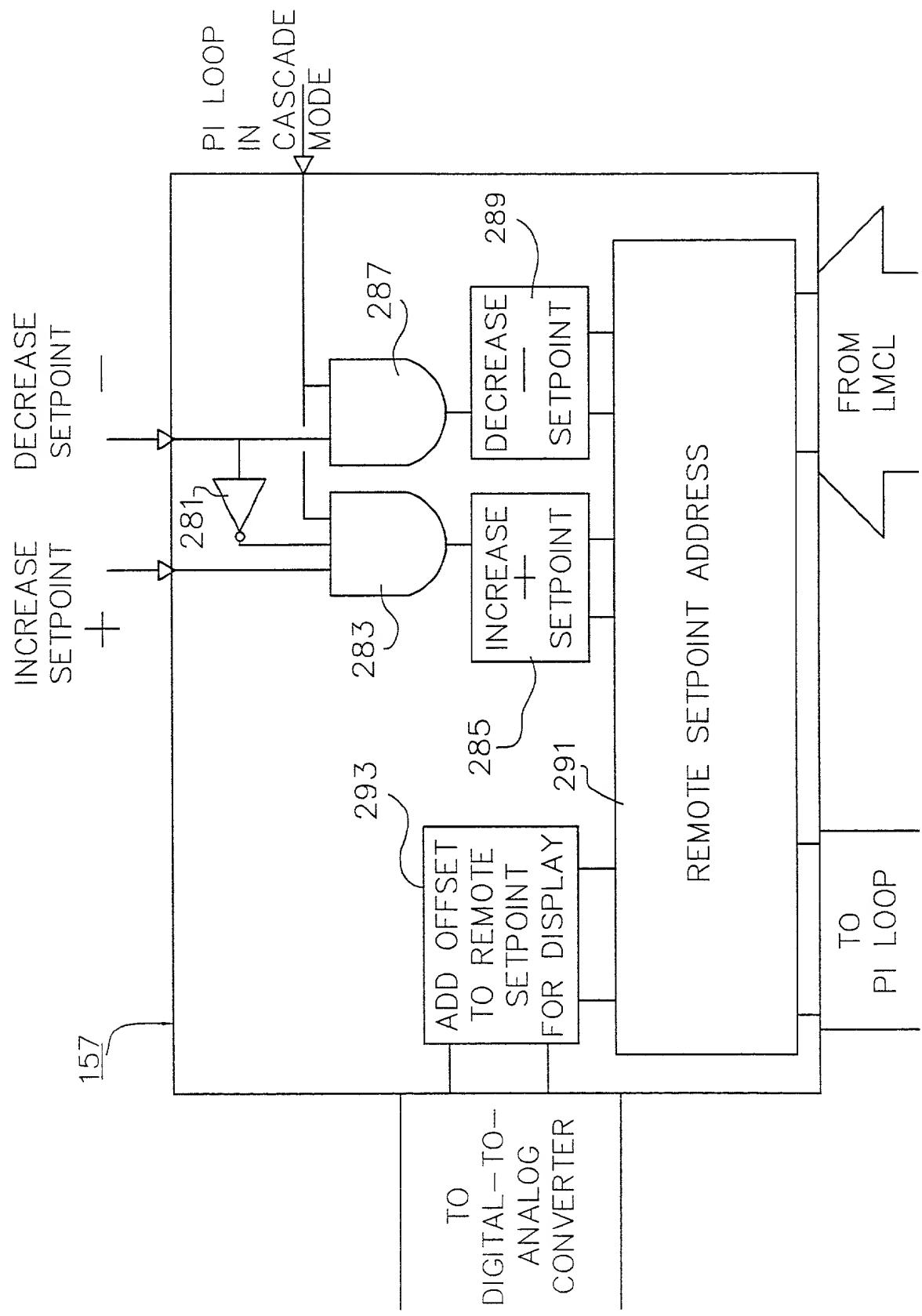


FIGURE 12

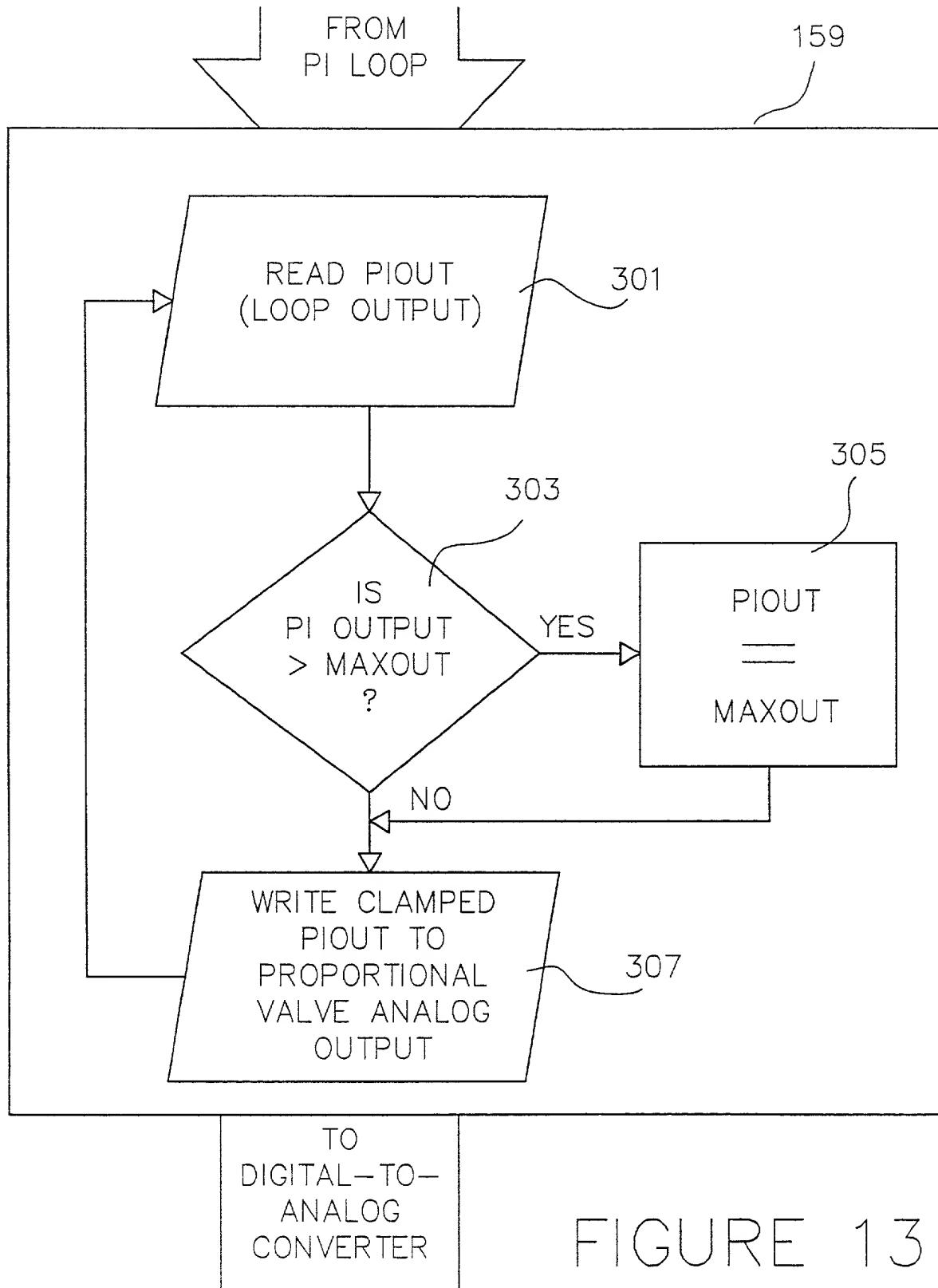


FIGURE 13

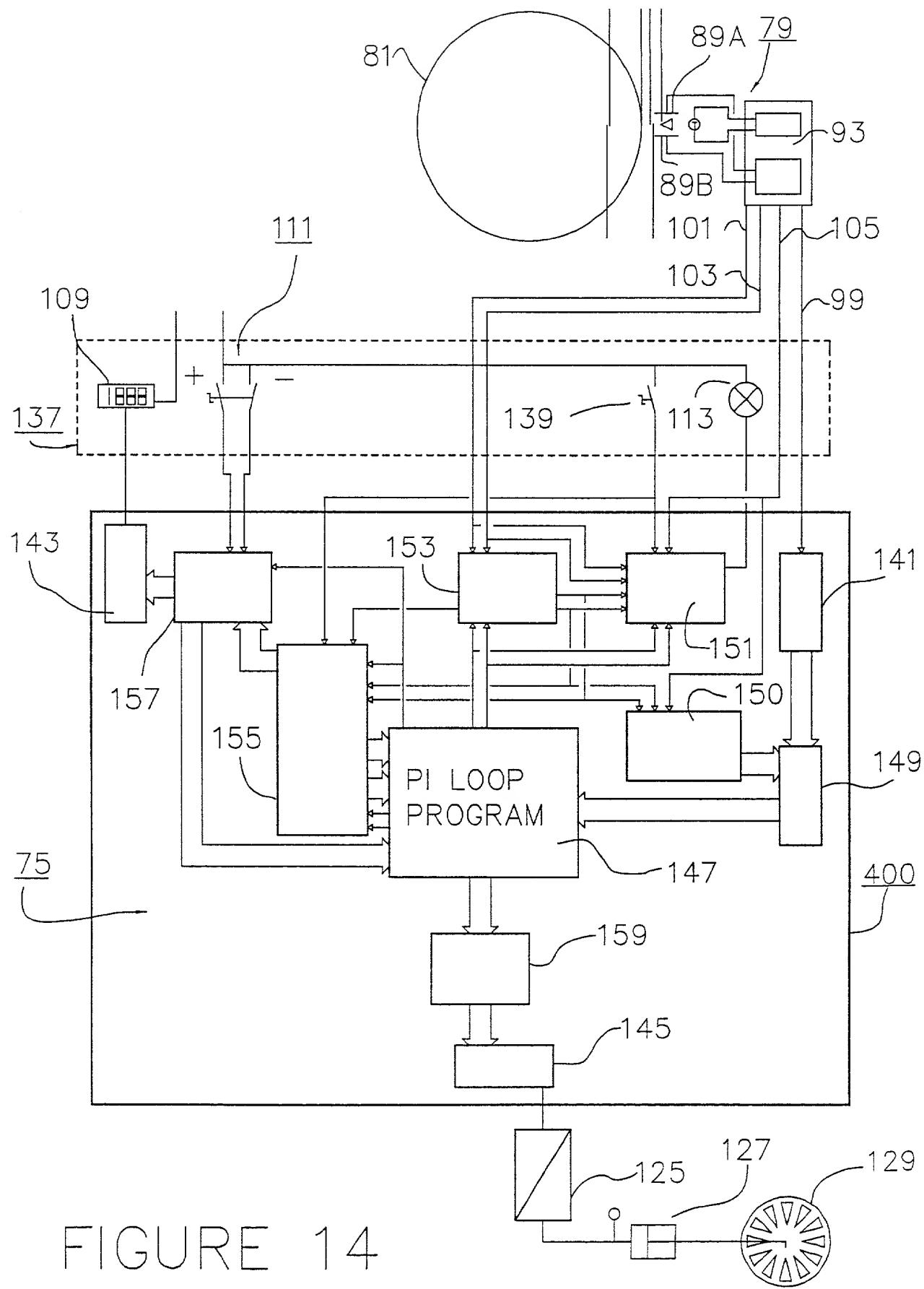


FIGURE 14

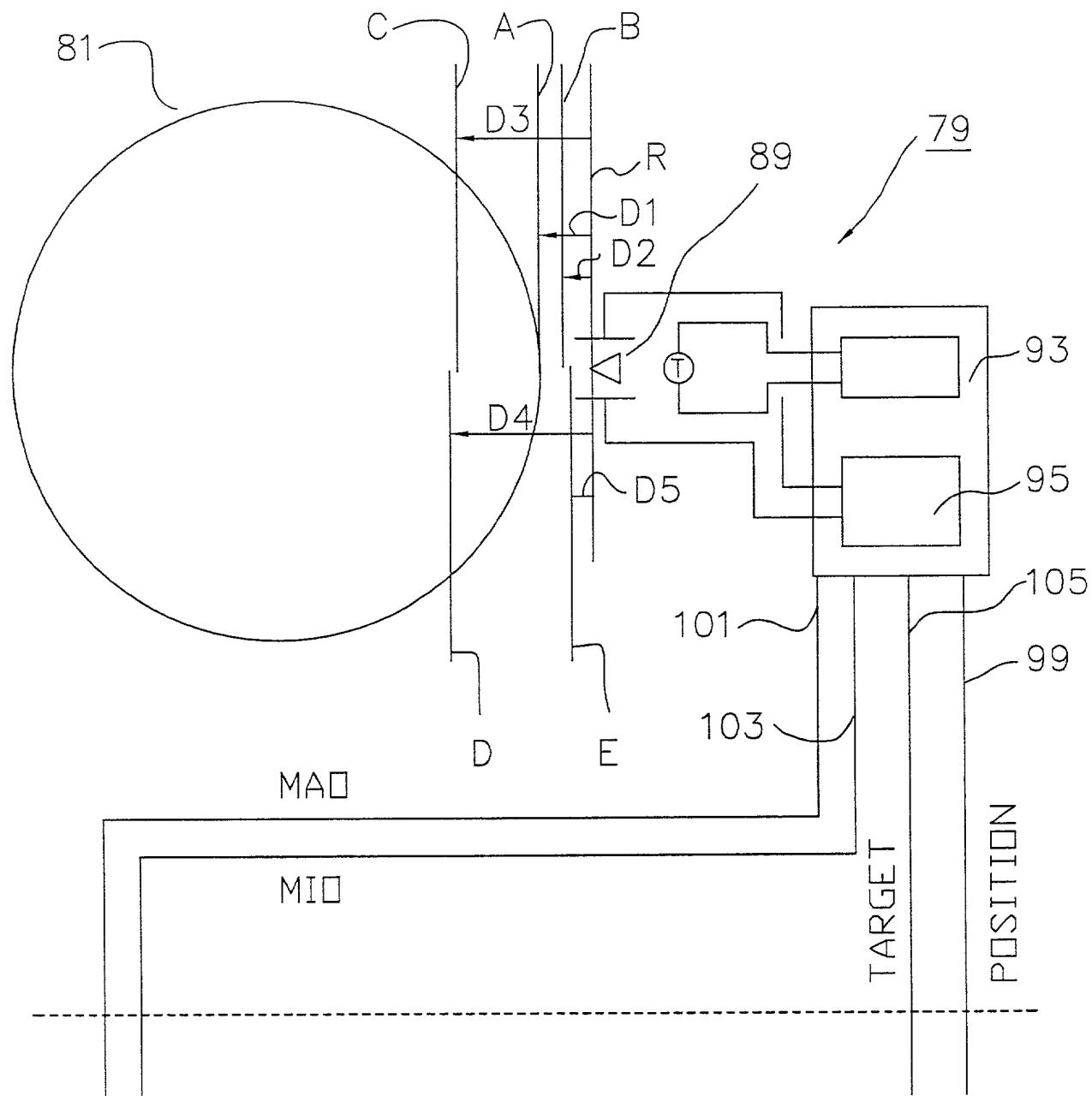


FIGURE 15

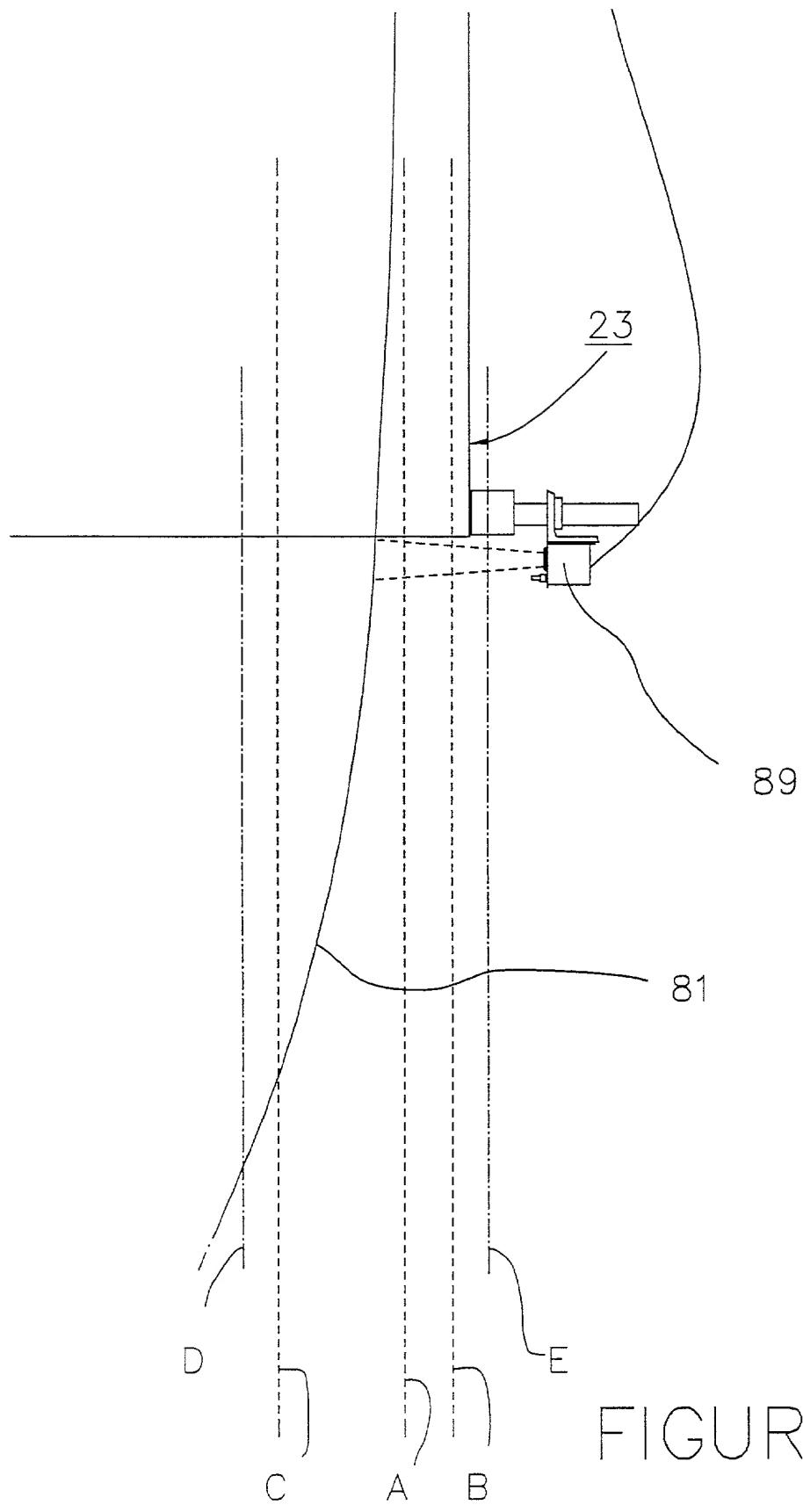


FIGURE 16

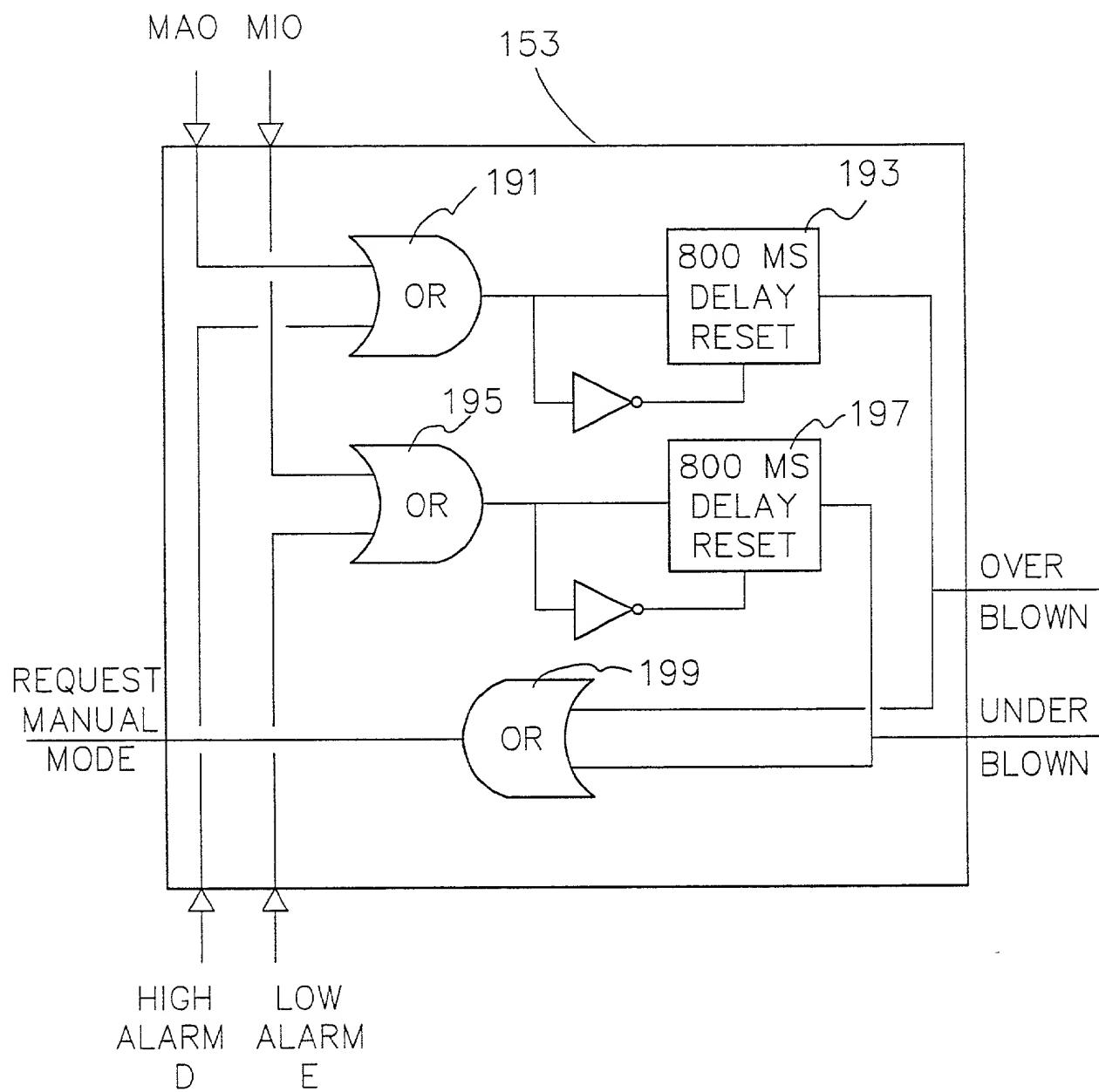


FIGURE 17

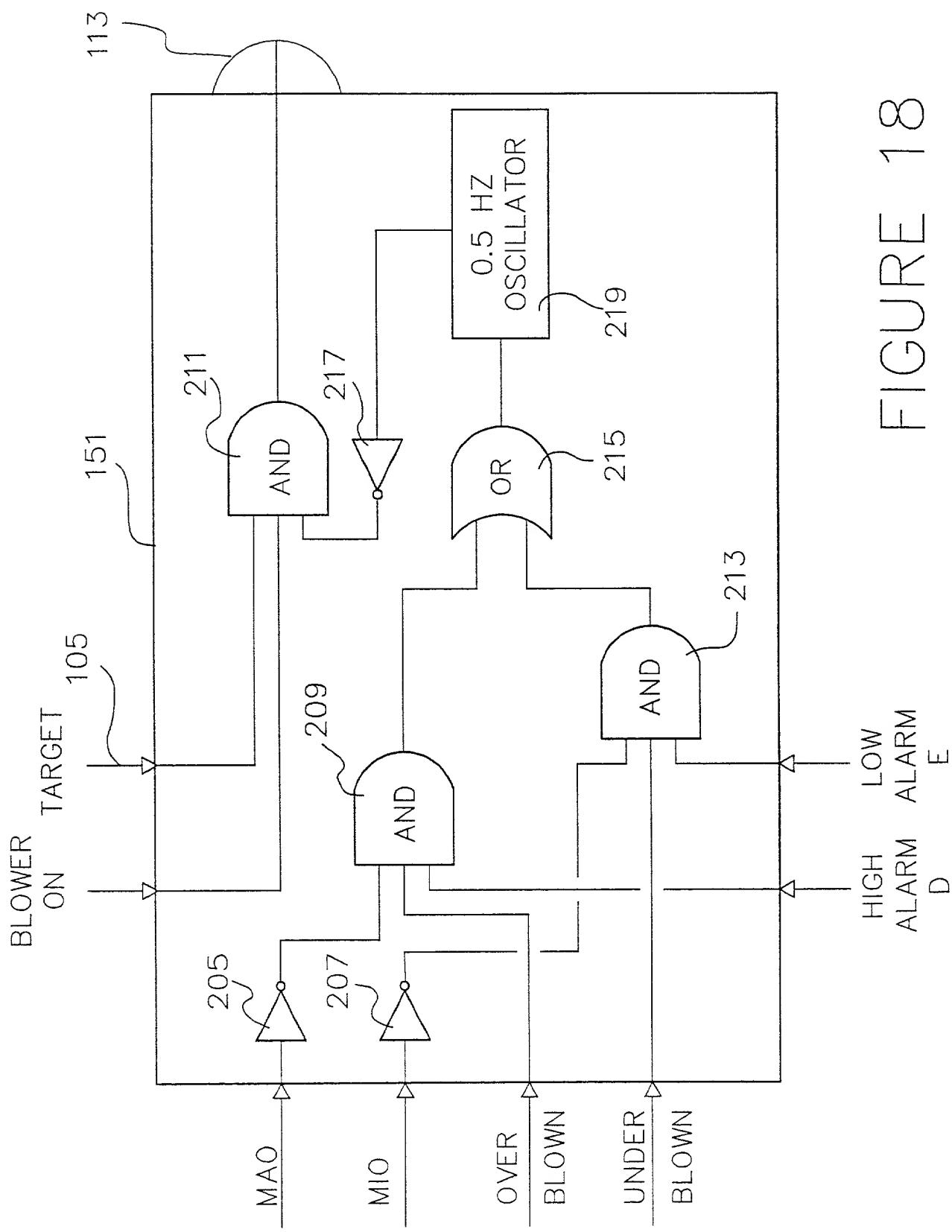
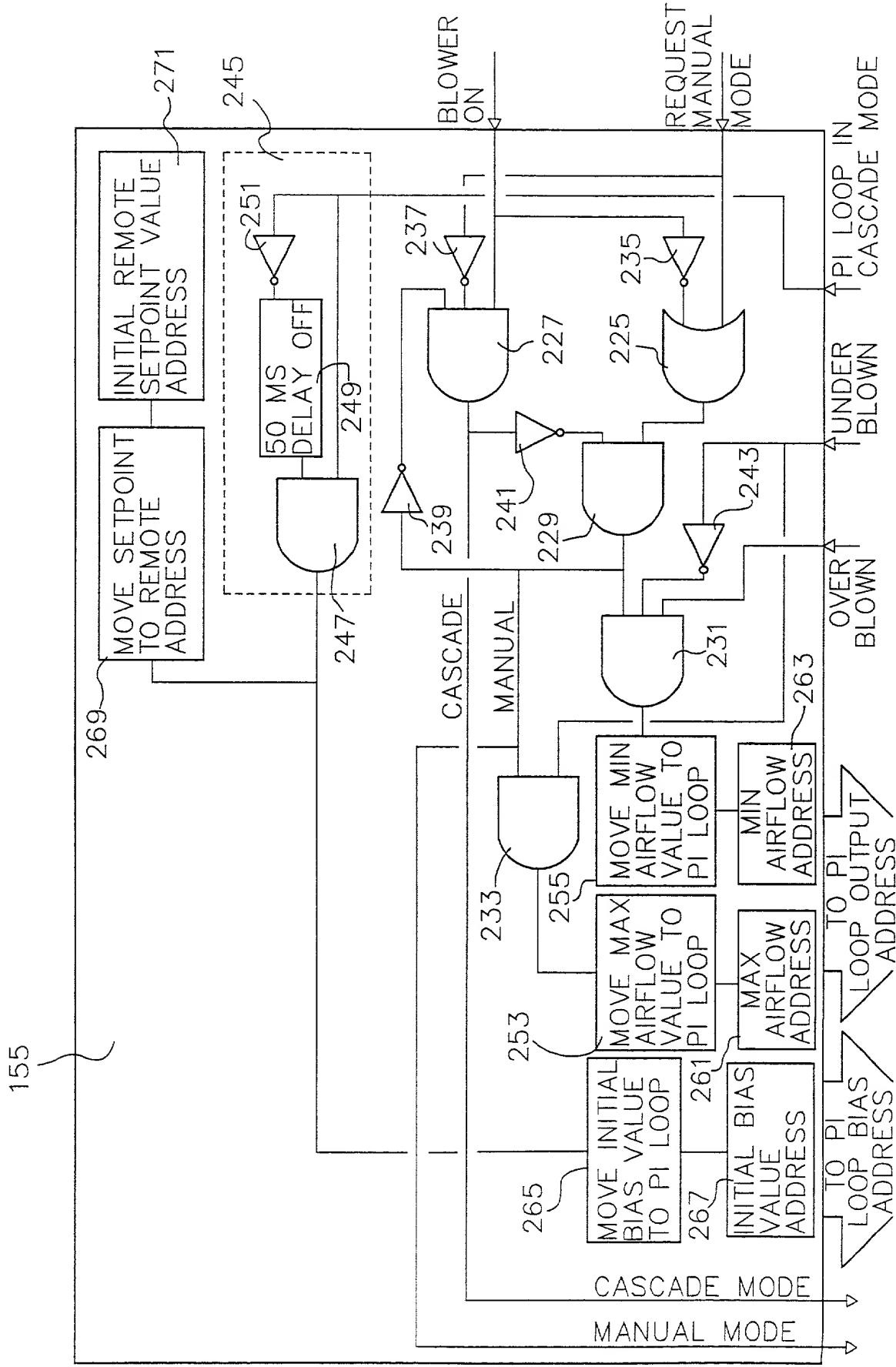


FIGURE 18

FIGURE 19



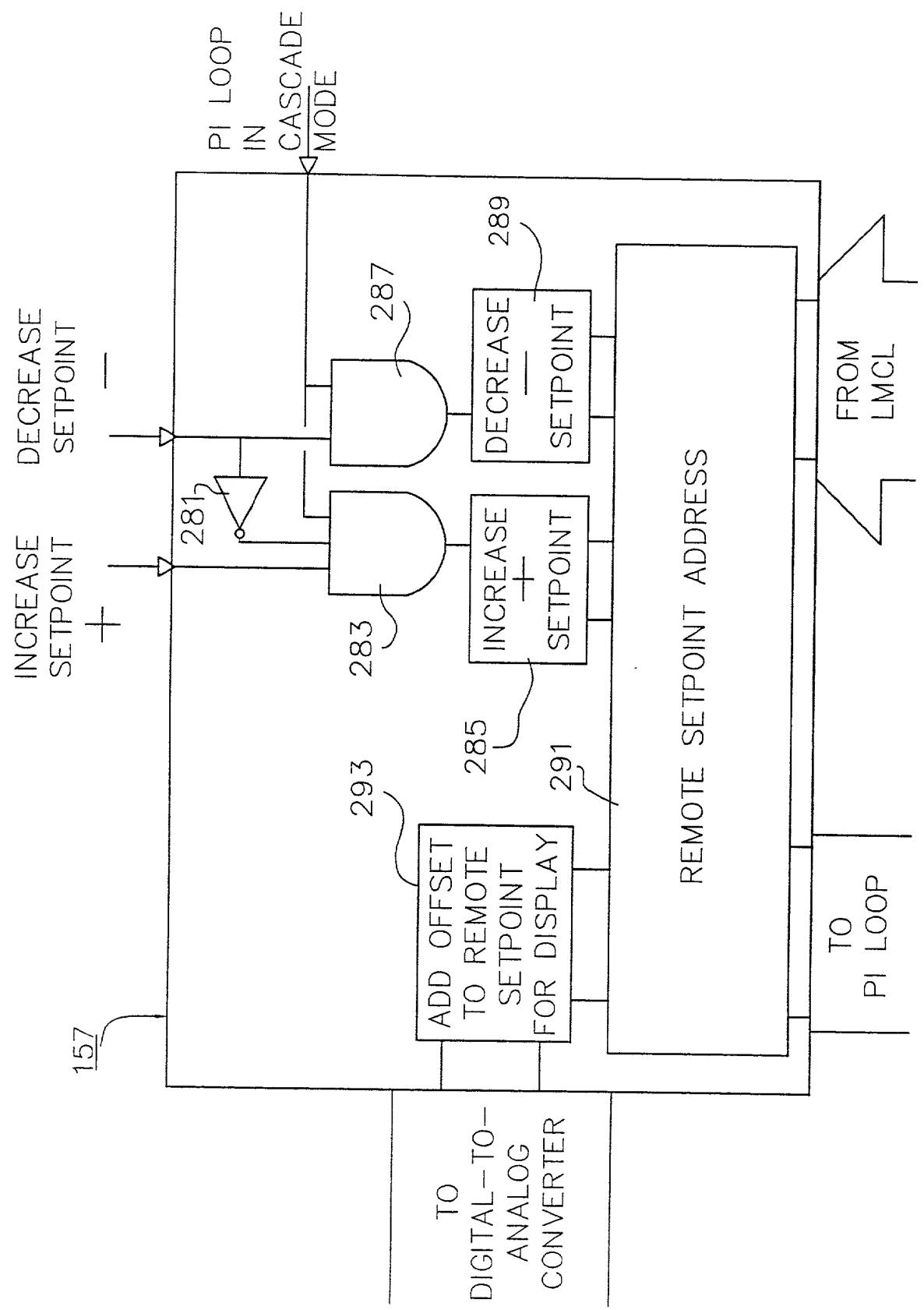
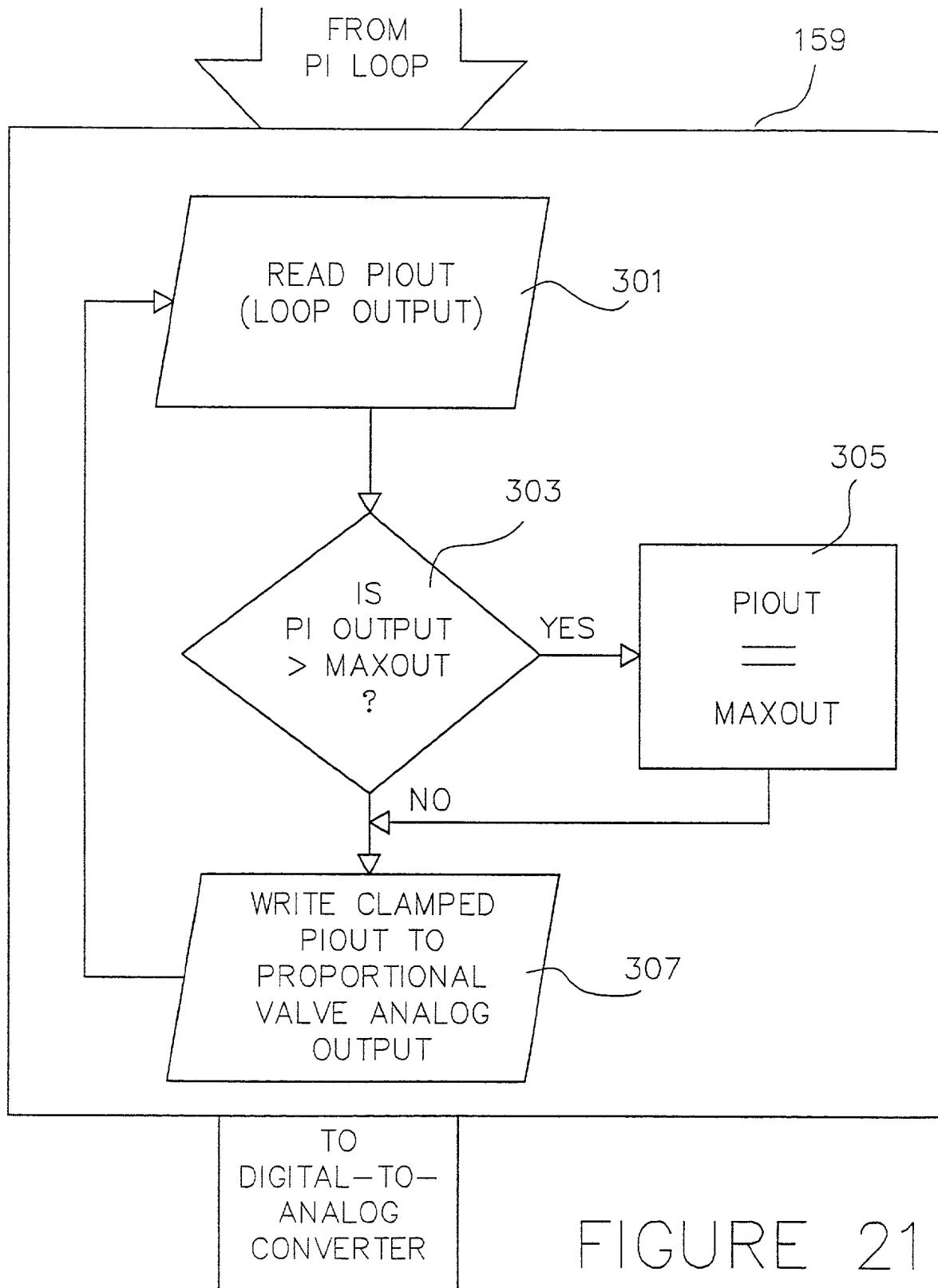


FIGURE 20



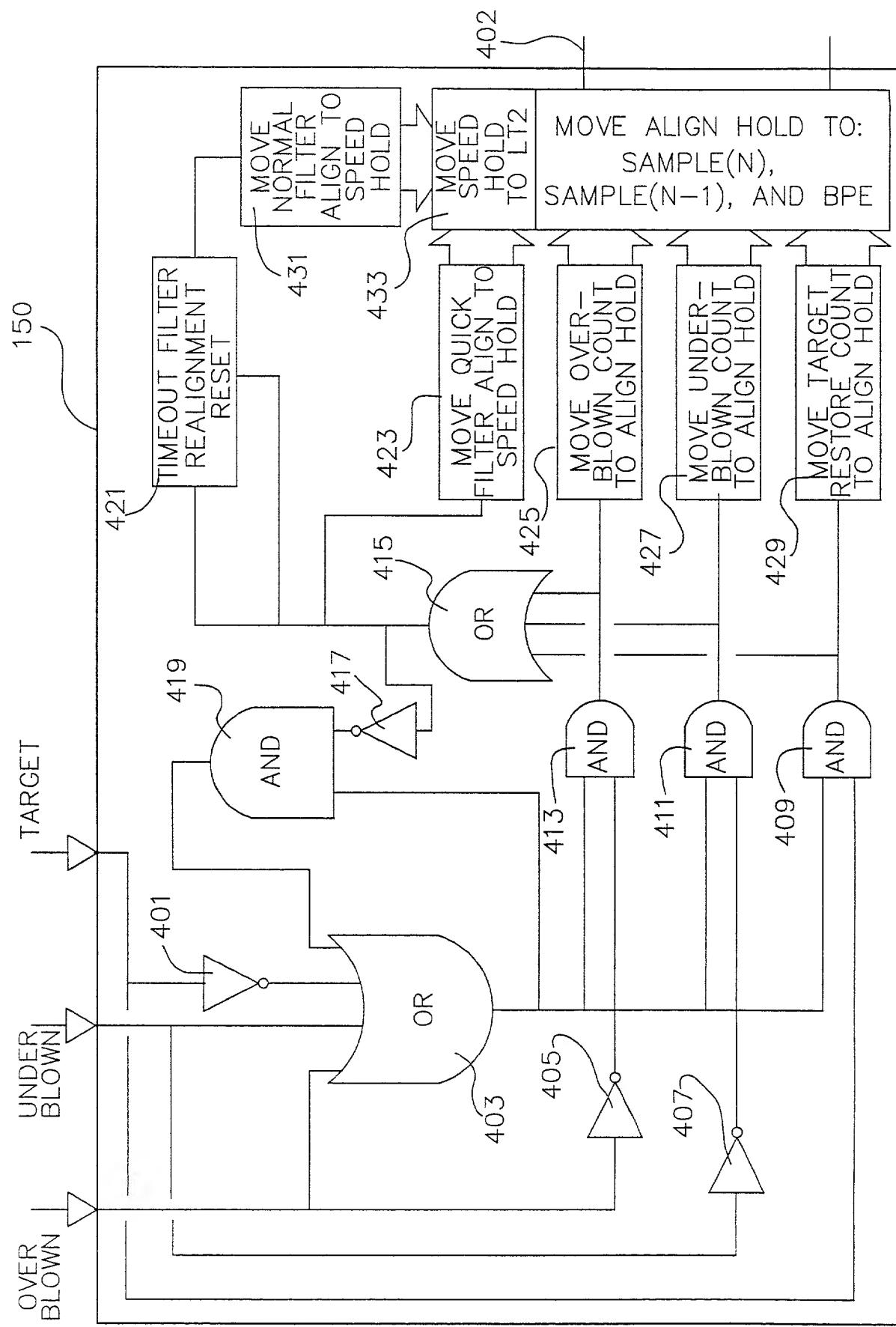
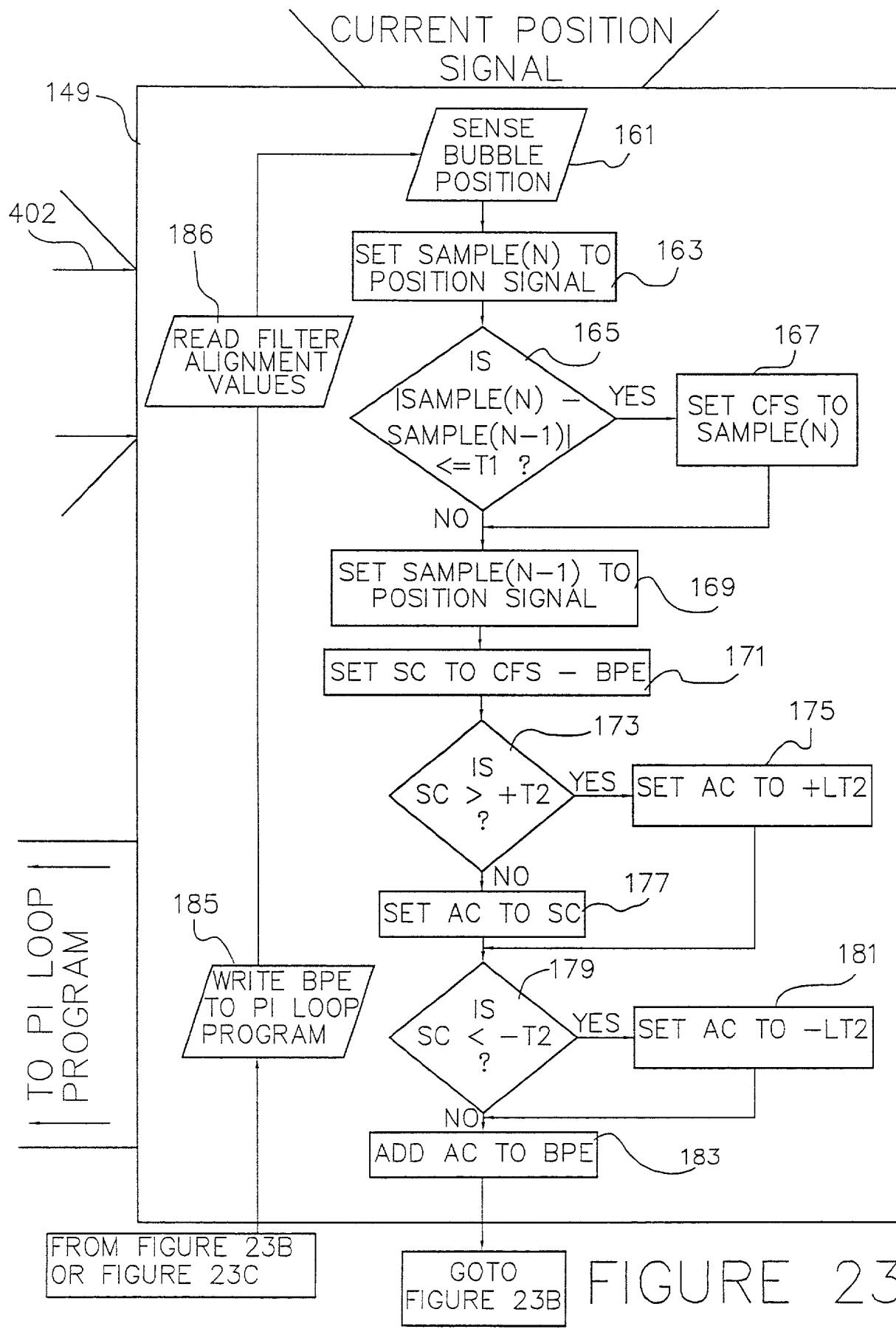


FIGURE 22



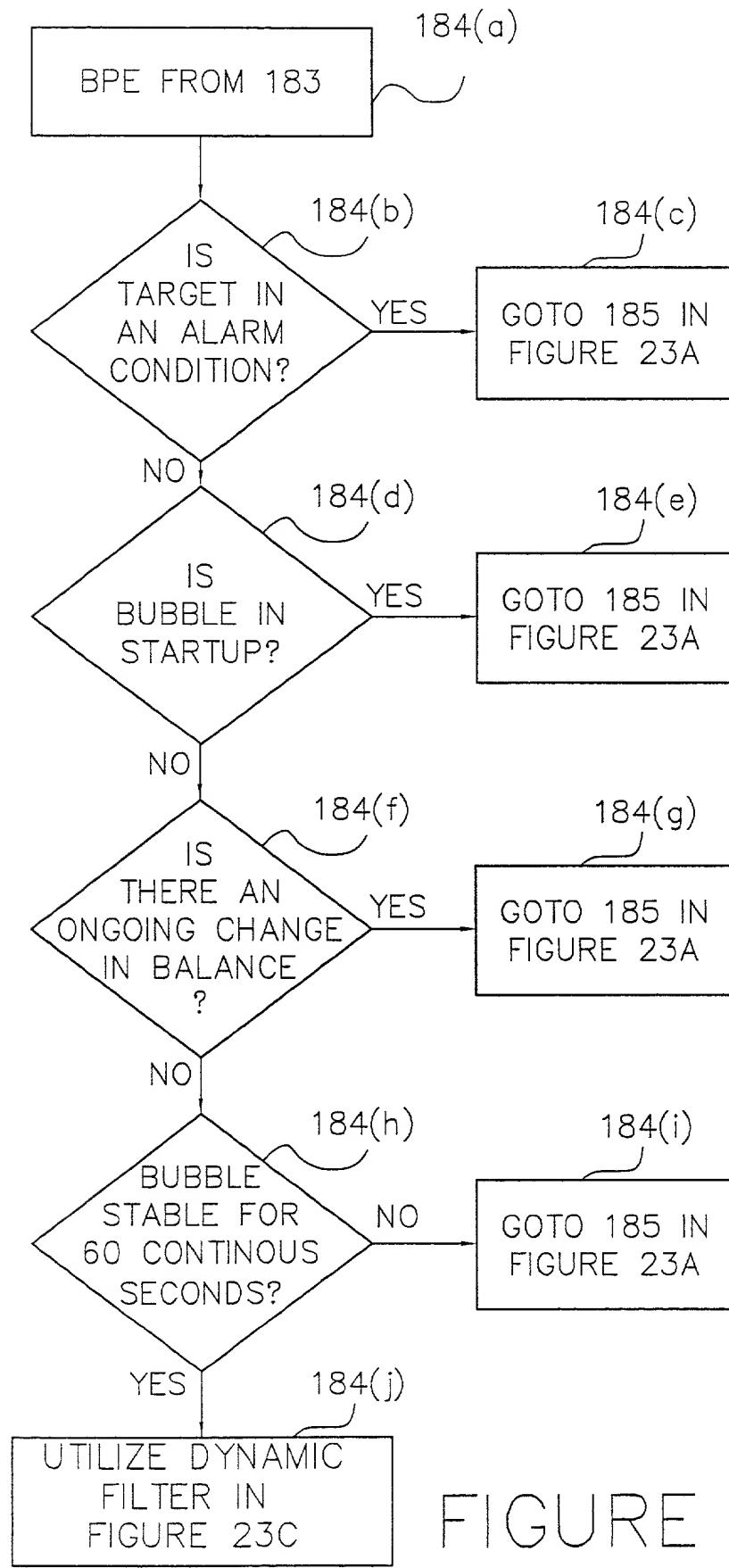


FIGURE 23B

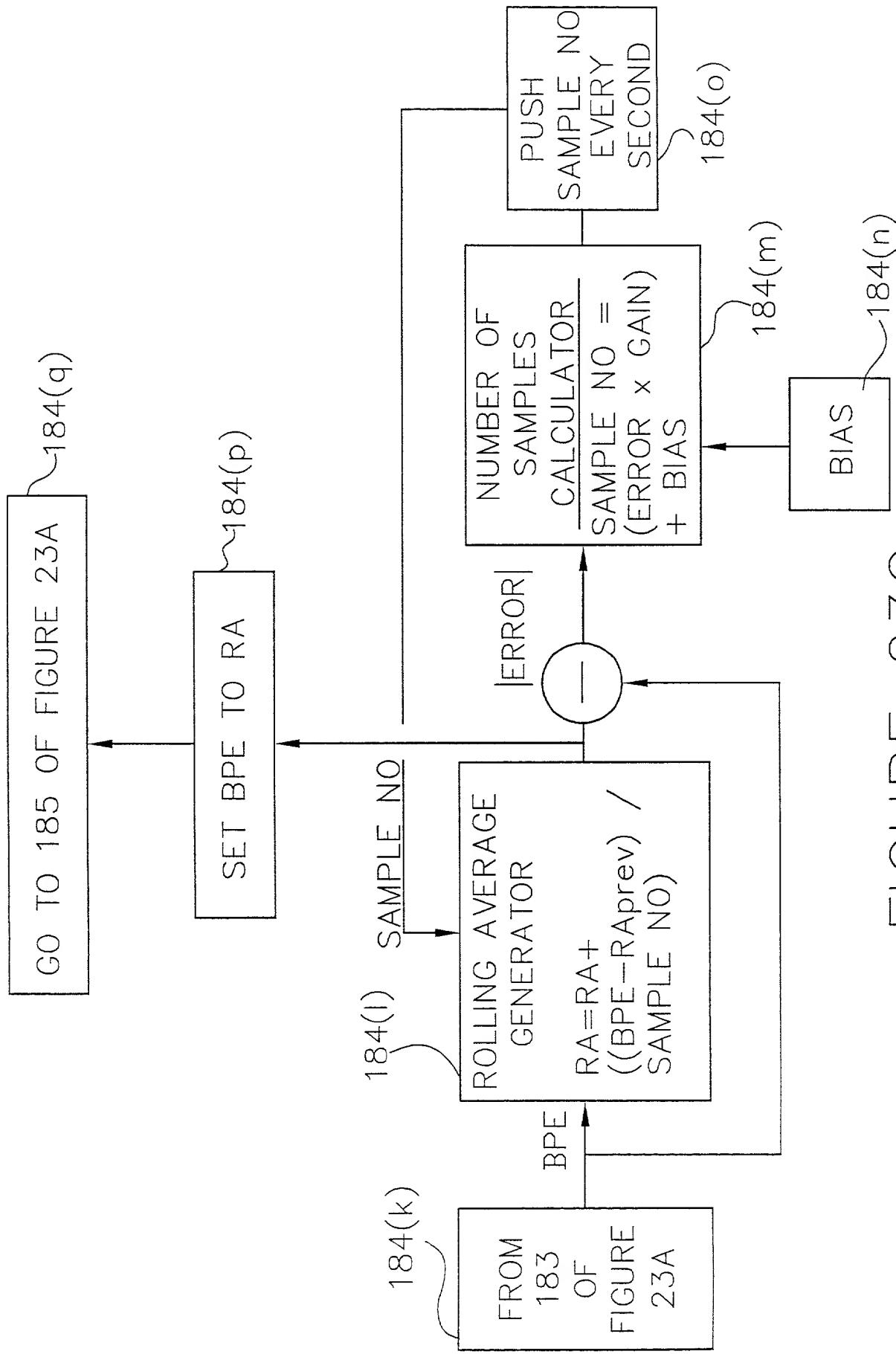


FIGURE 23C

VARIOUS IBC SIGNALS WITHOUT DYNAMIC FILTER

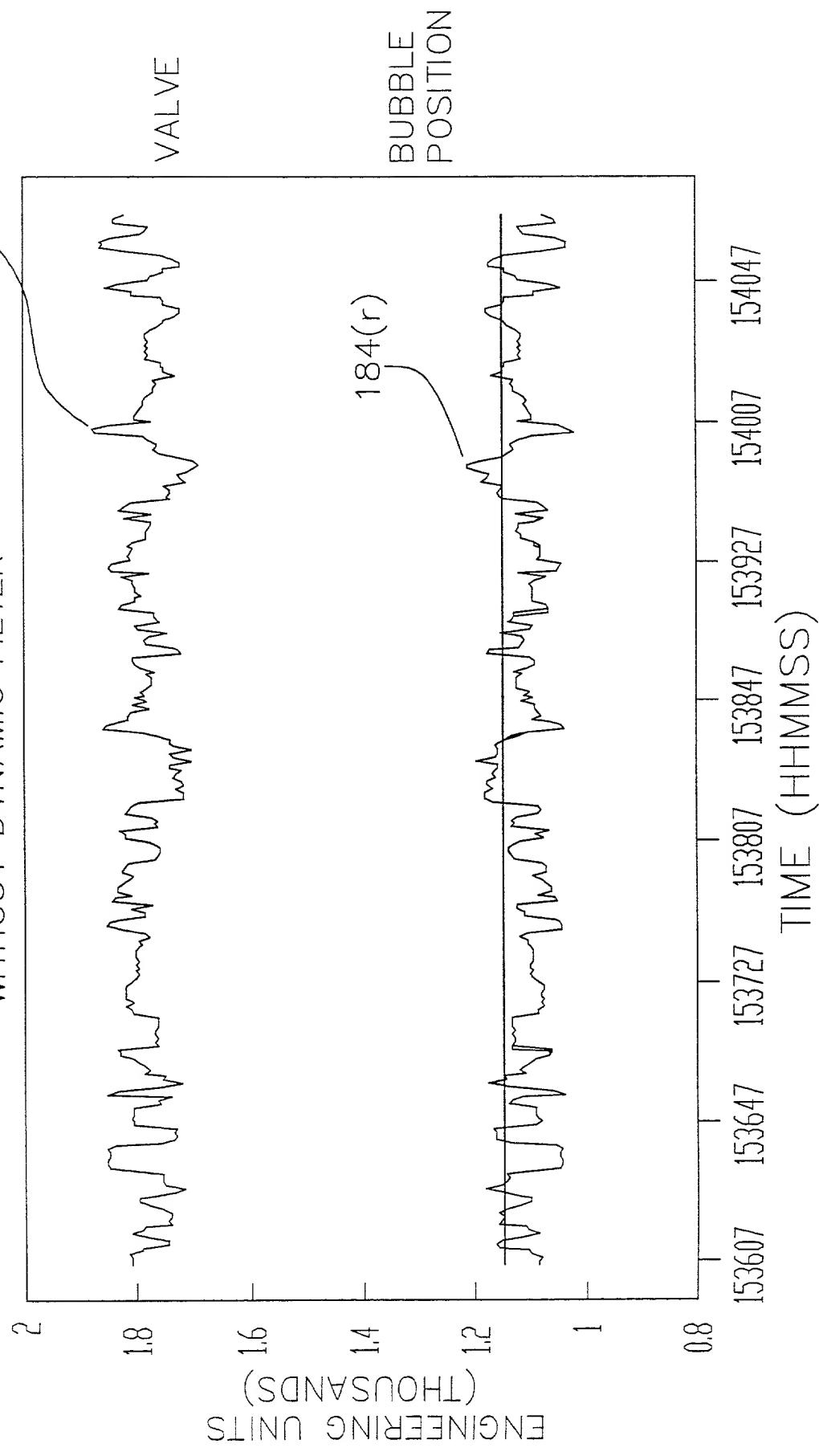


FIGURE 23D

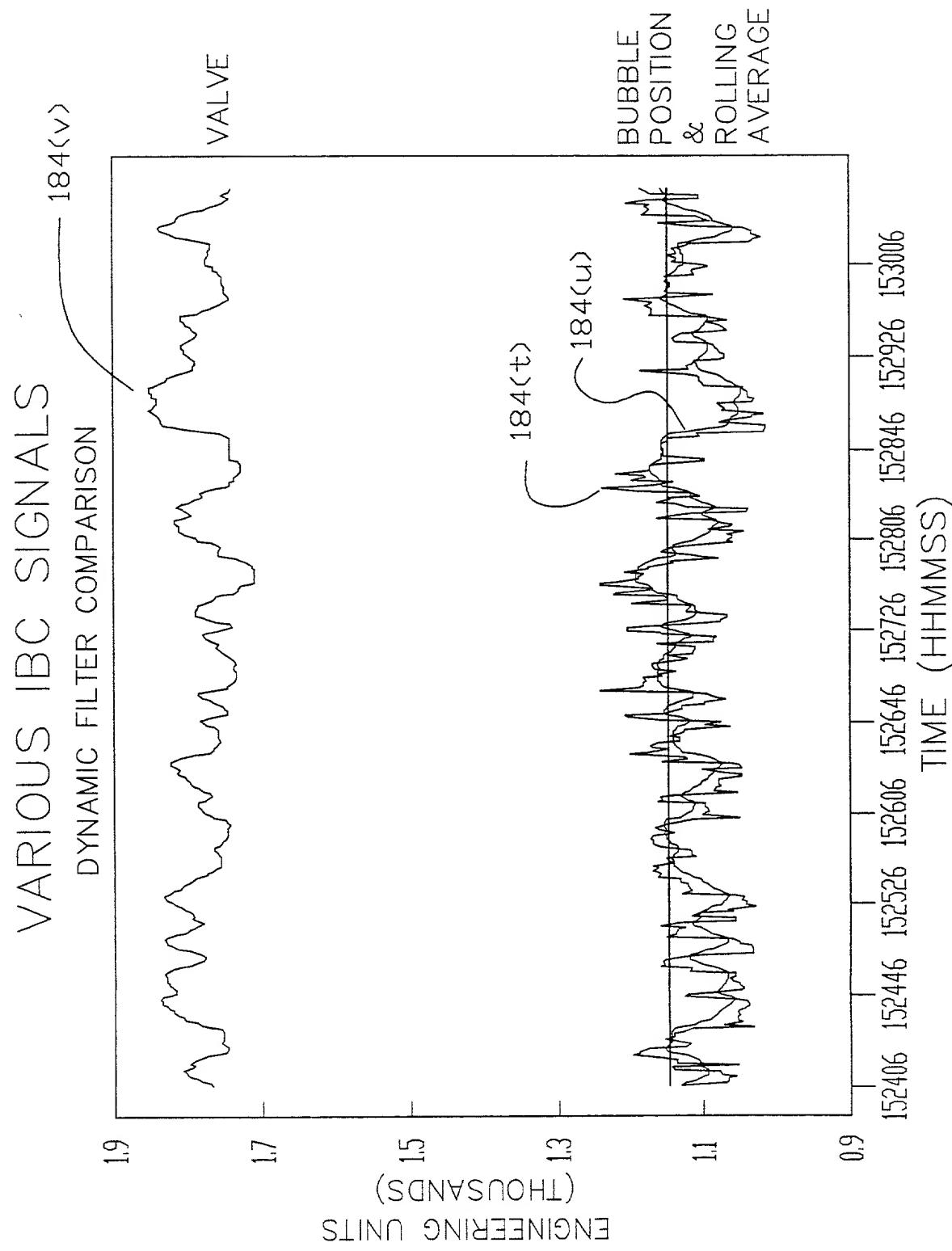


FIGURE 23E

FREQUENCY DISTRIBUTION COMPARISON

DYNAMIC FILTER VS. BPE

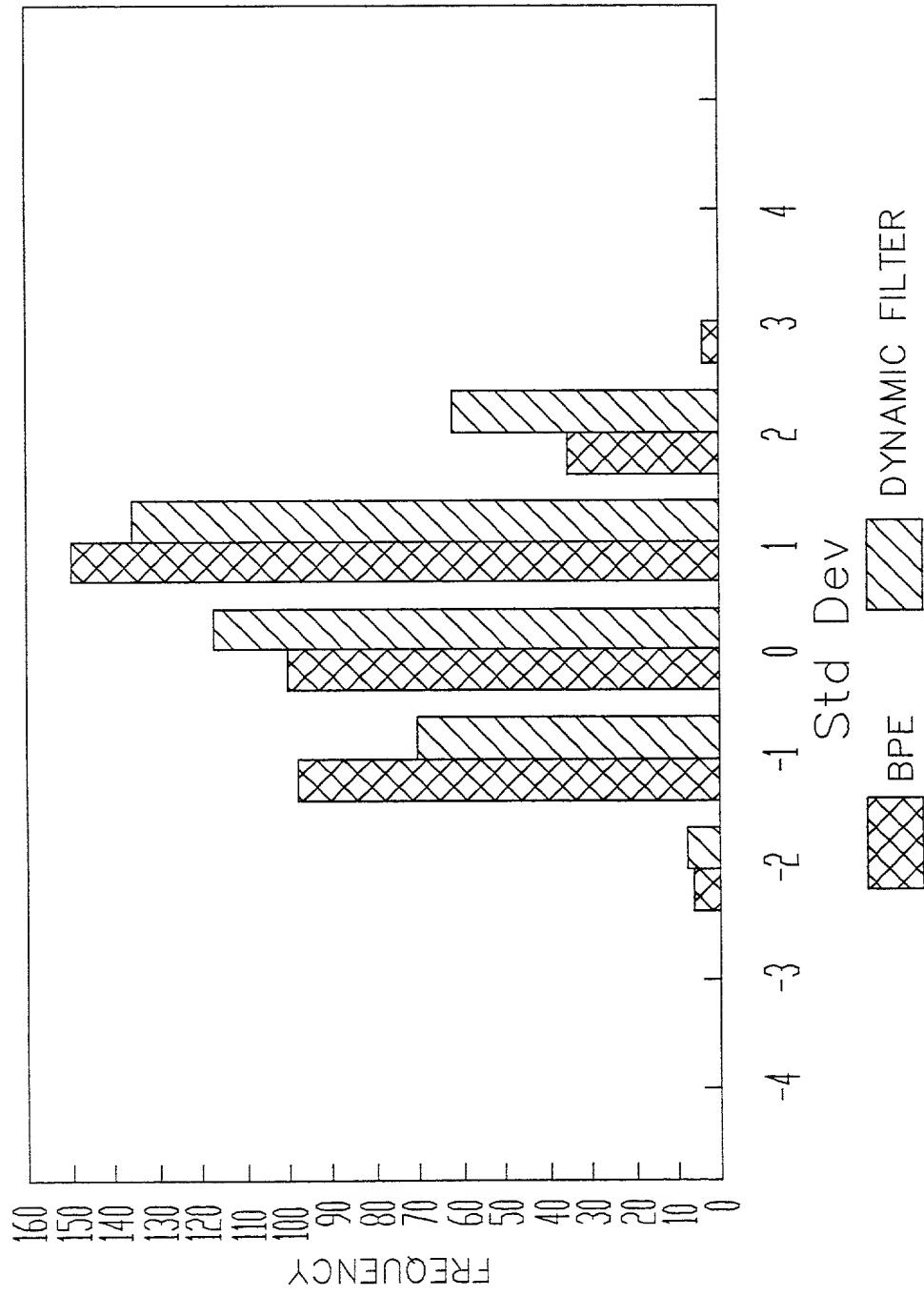


FIGURE 23F

VARIOUS IBC SIGNALS
START-UP WITH DYNAMIC FILTER

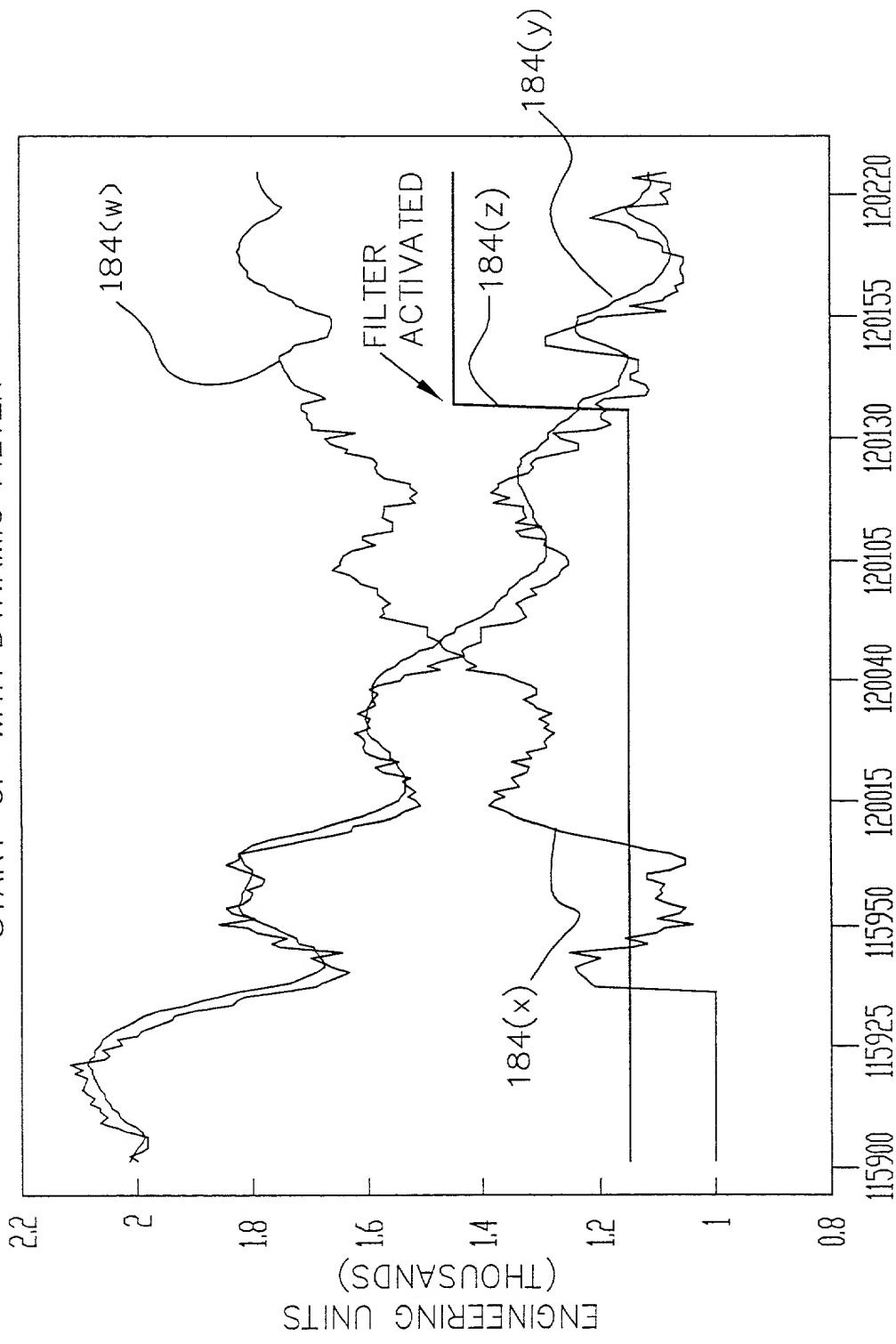


FIGURE 23G

IS-IBC1 FILTER SIMULATION
INPUT = RAMPING LINE WITH RANDOM NOISE

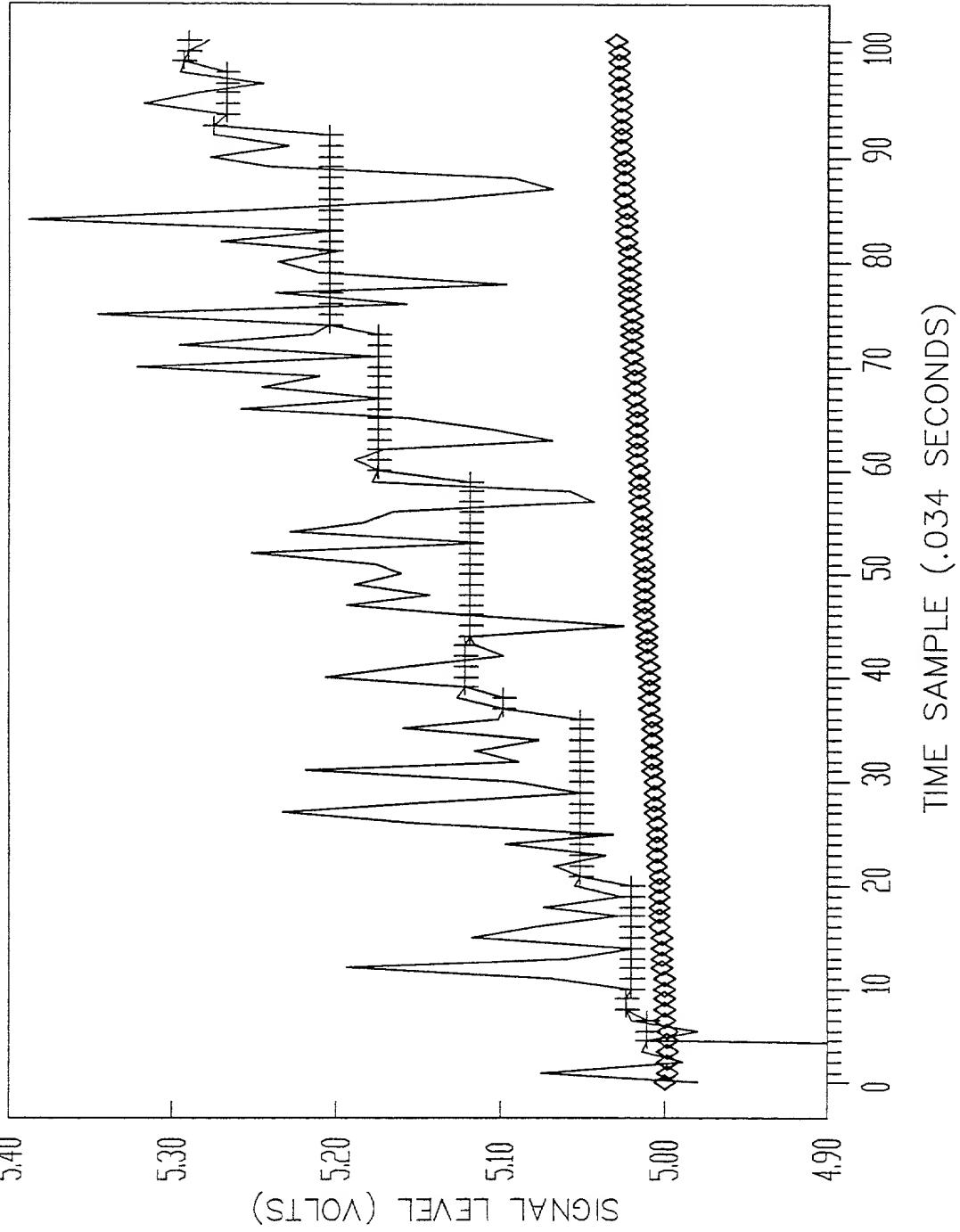


FIGURE 24

FIGURE 25A

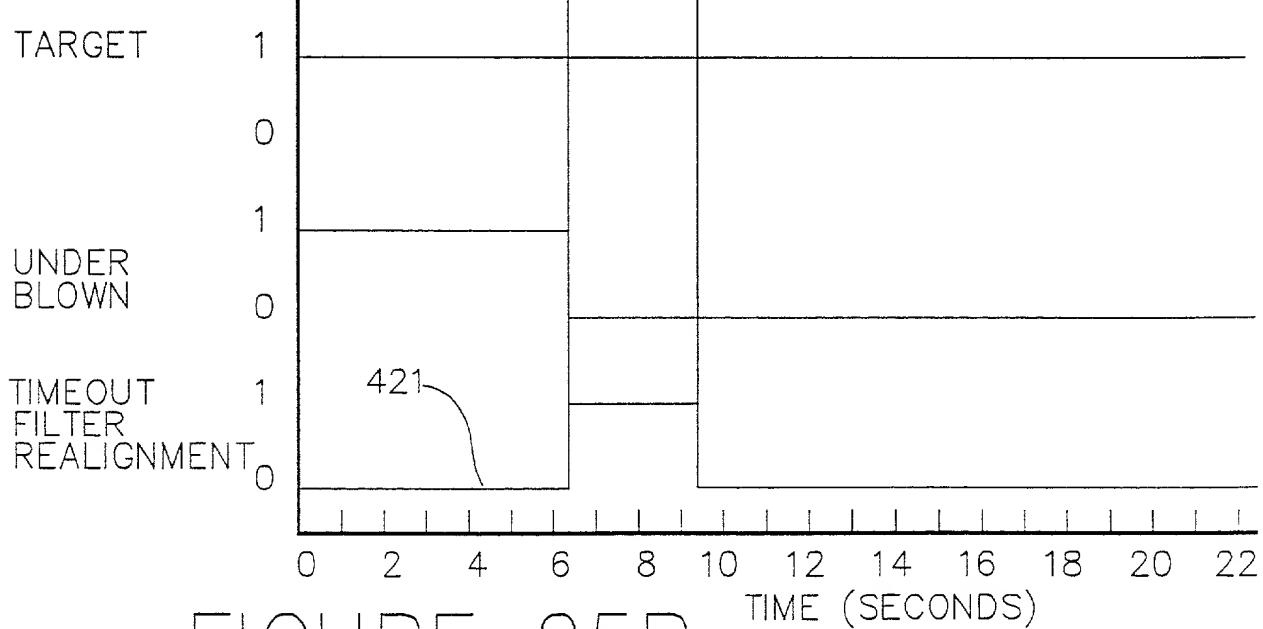
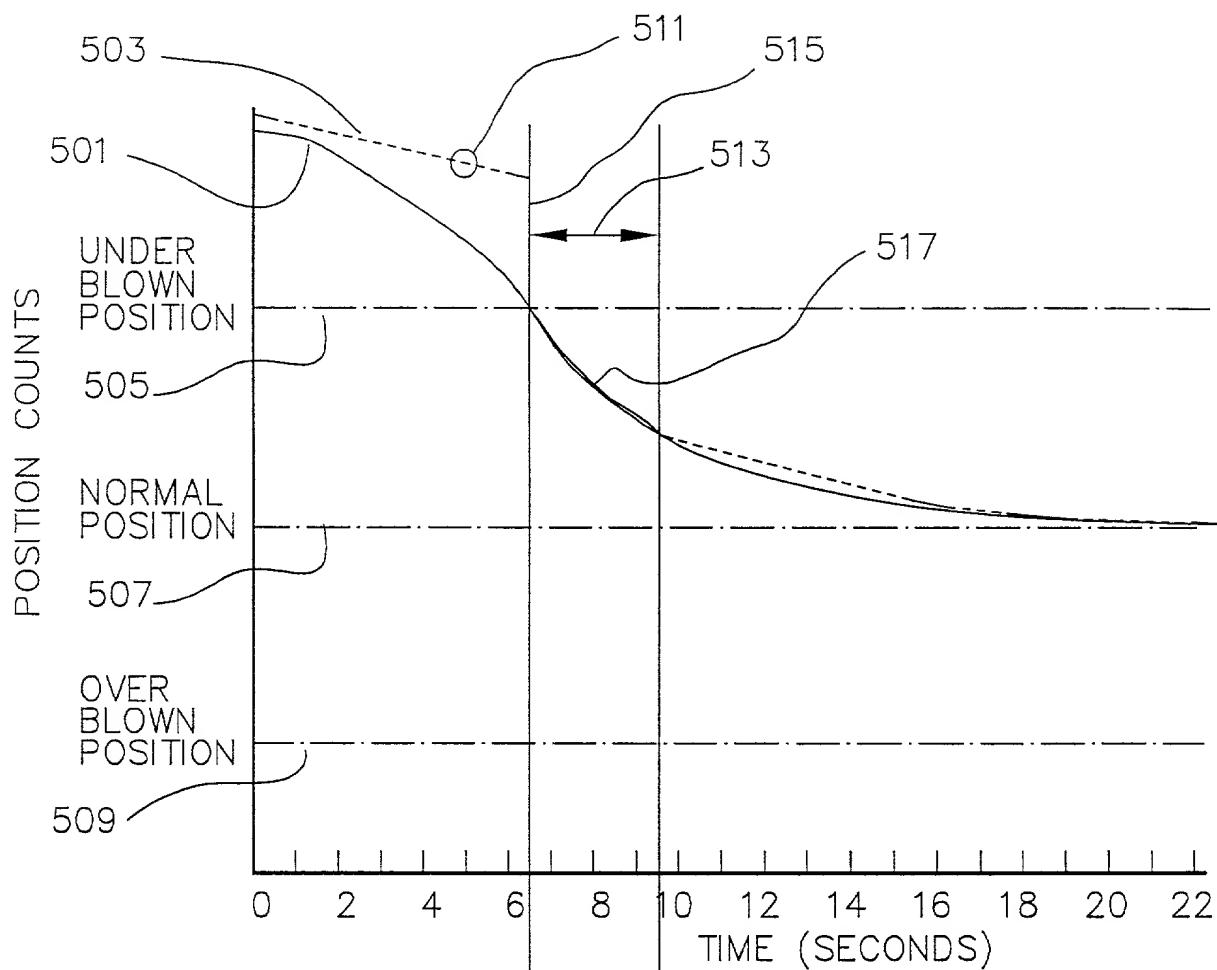
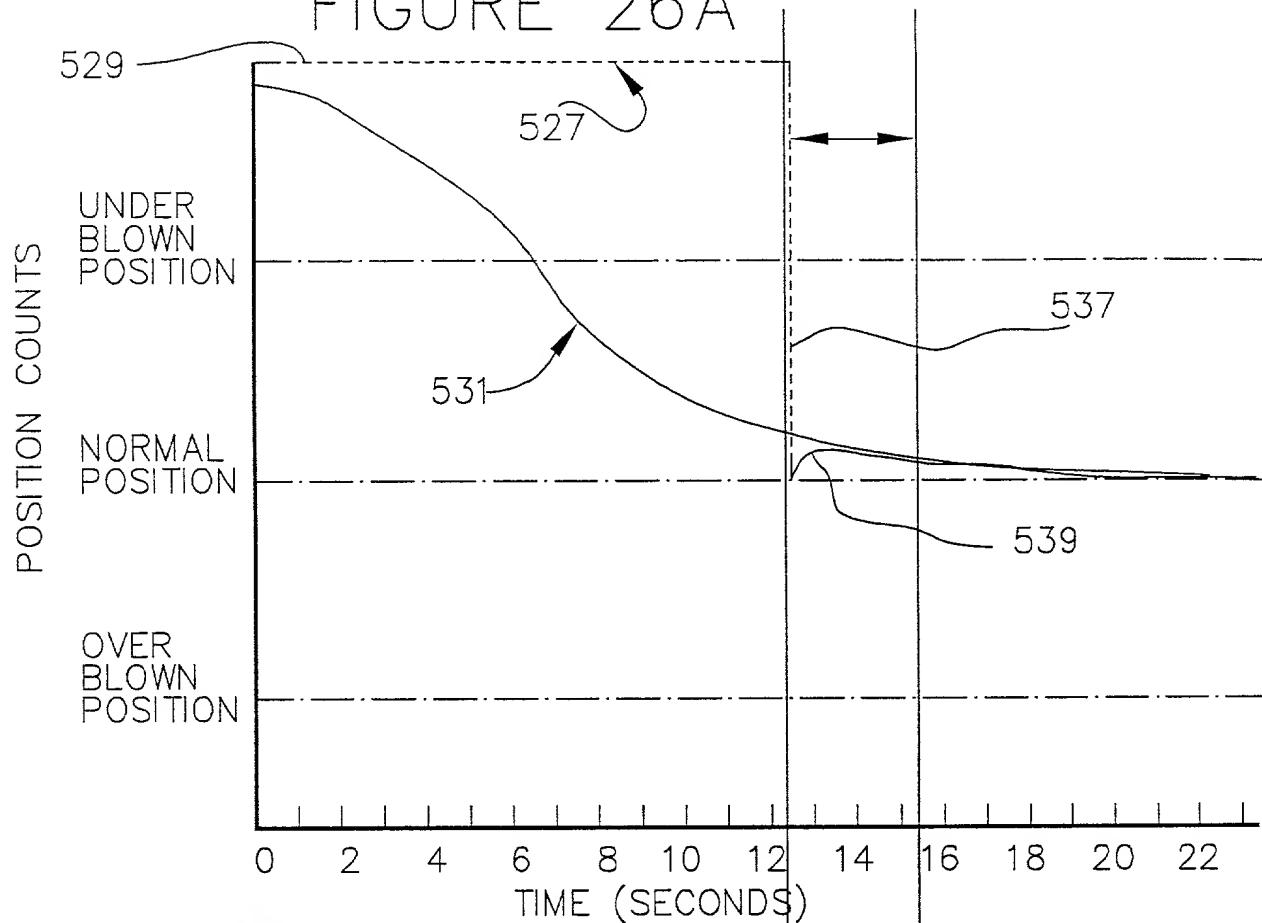


FIGURE 25B

FIGURE 26A



TIME 200-10000000

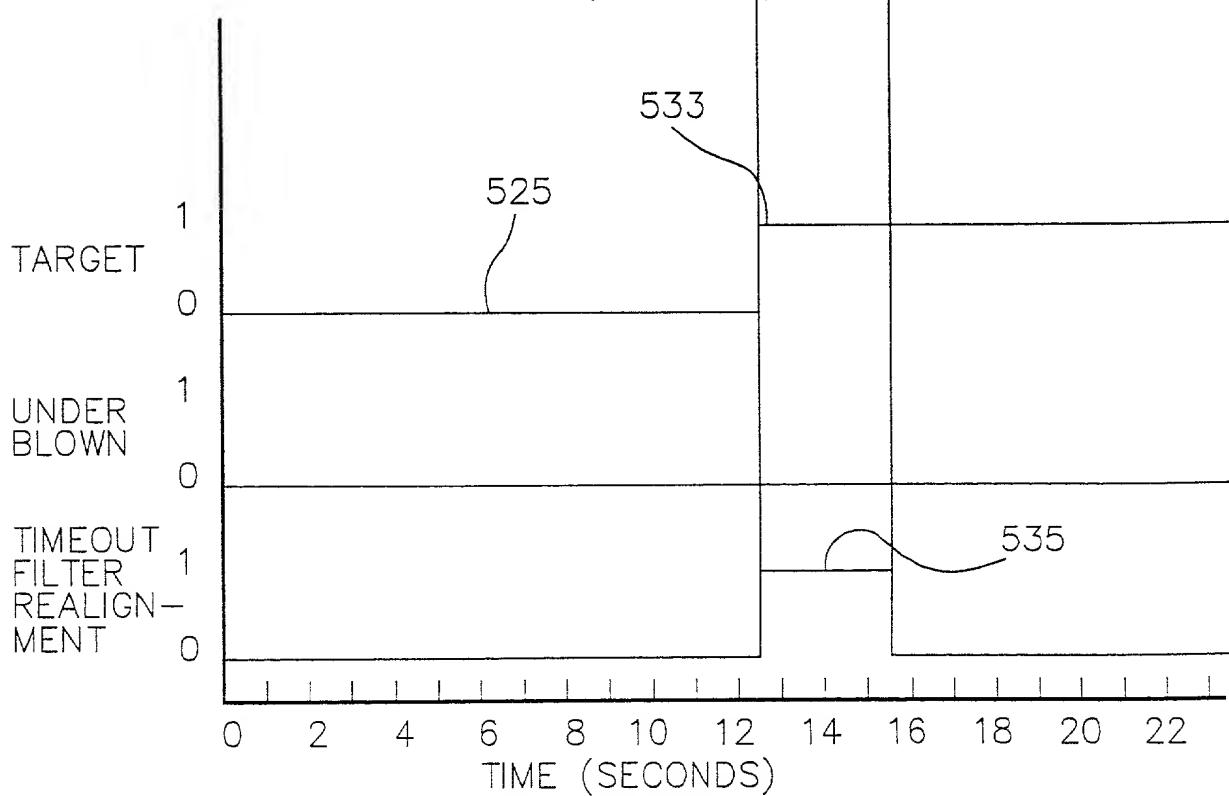


FIGURE 26B

FIGURE 27A

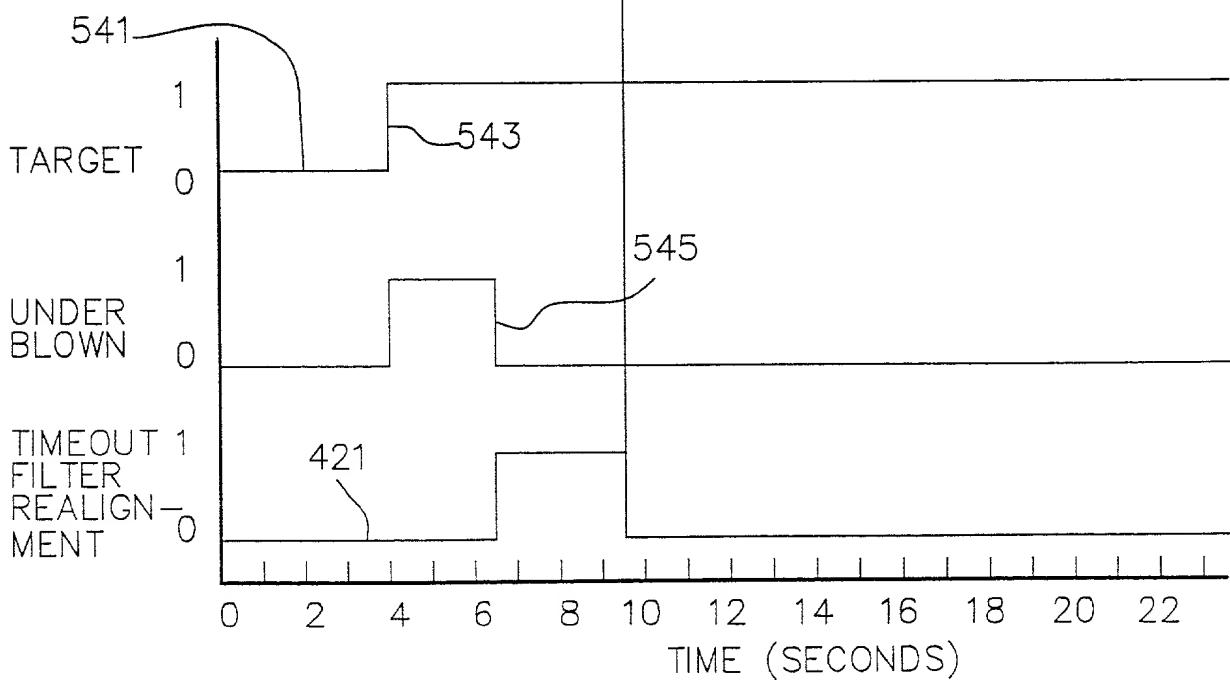
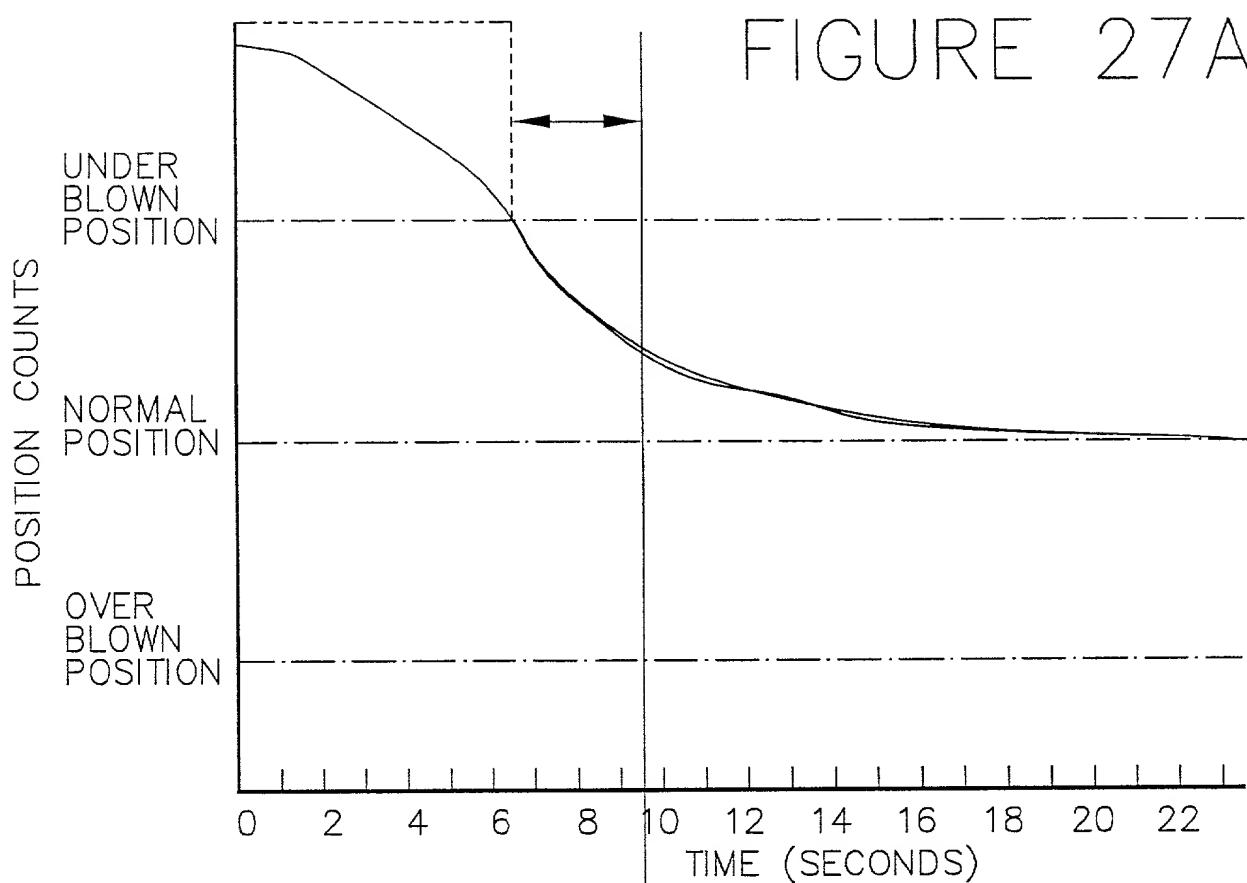
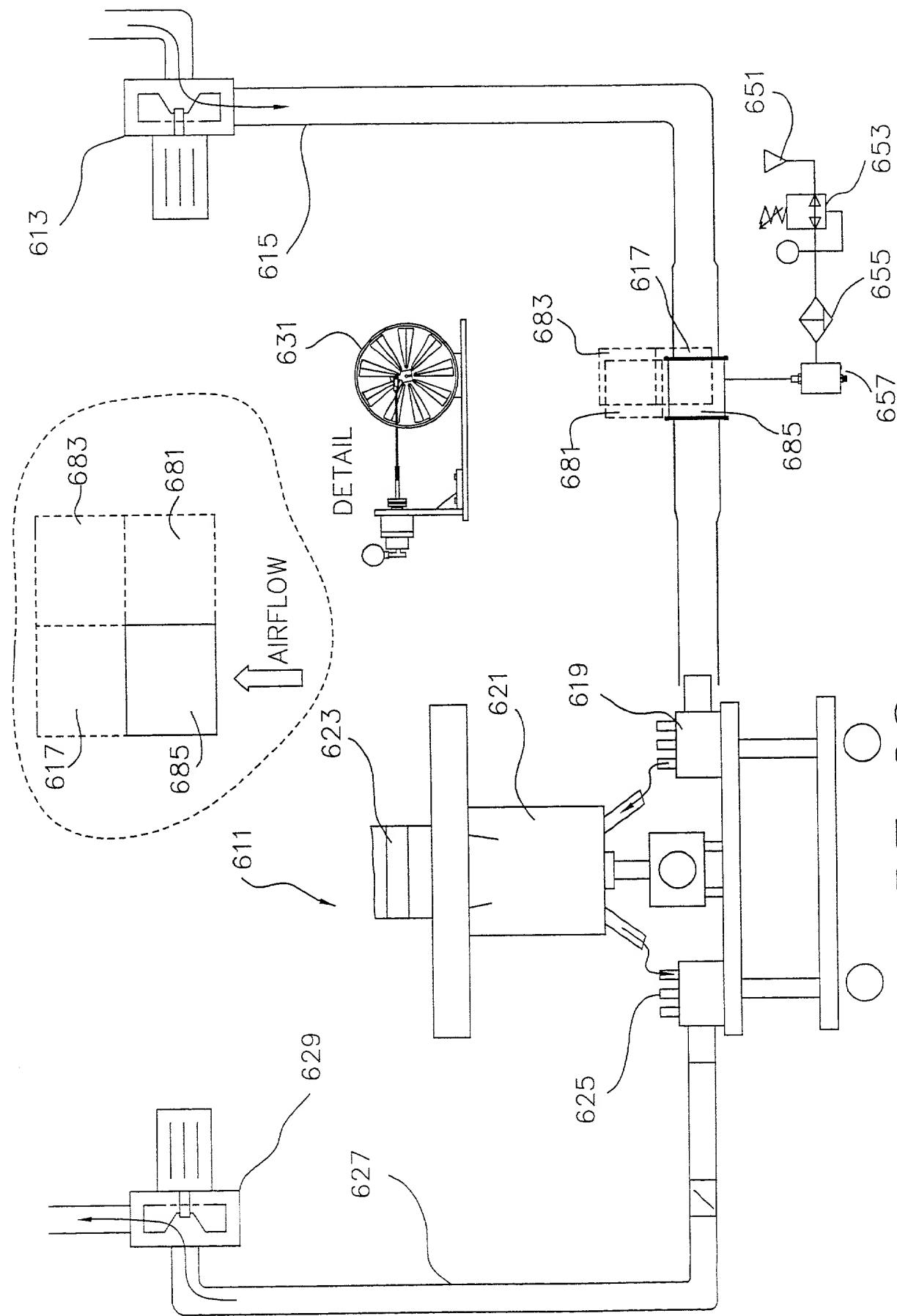
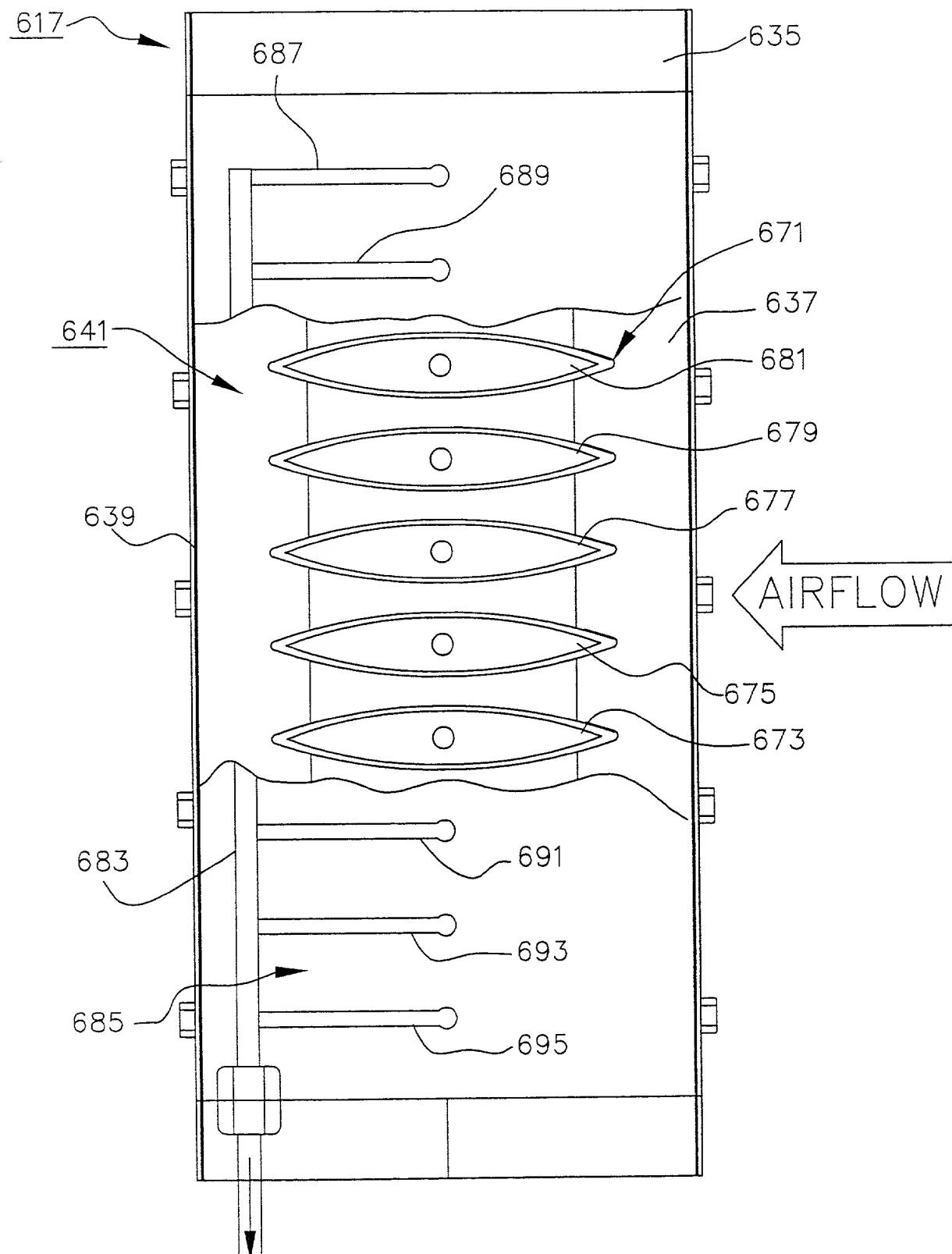


FIGURE 27B

FIGURE 28





TO 657

FIGURE 29

FIGURE 30

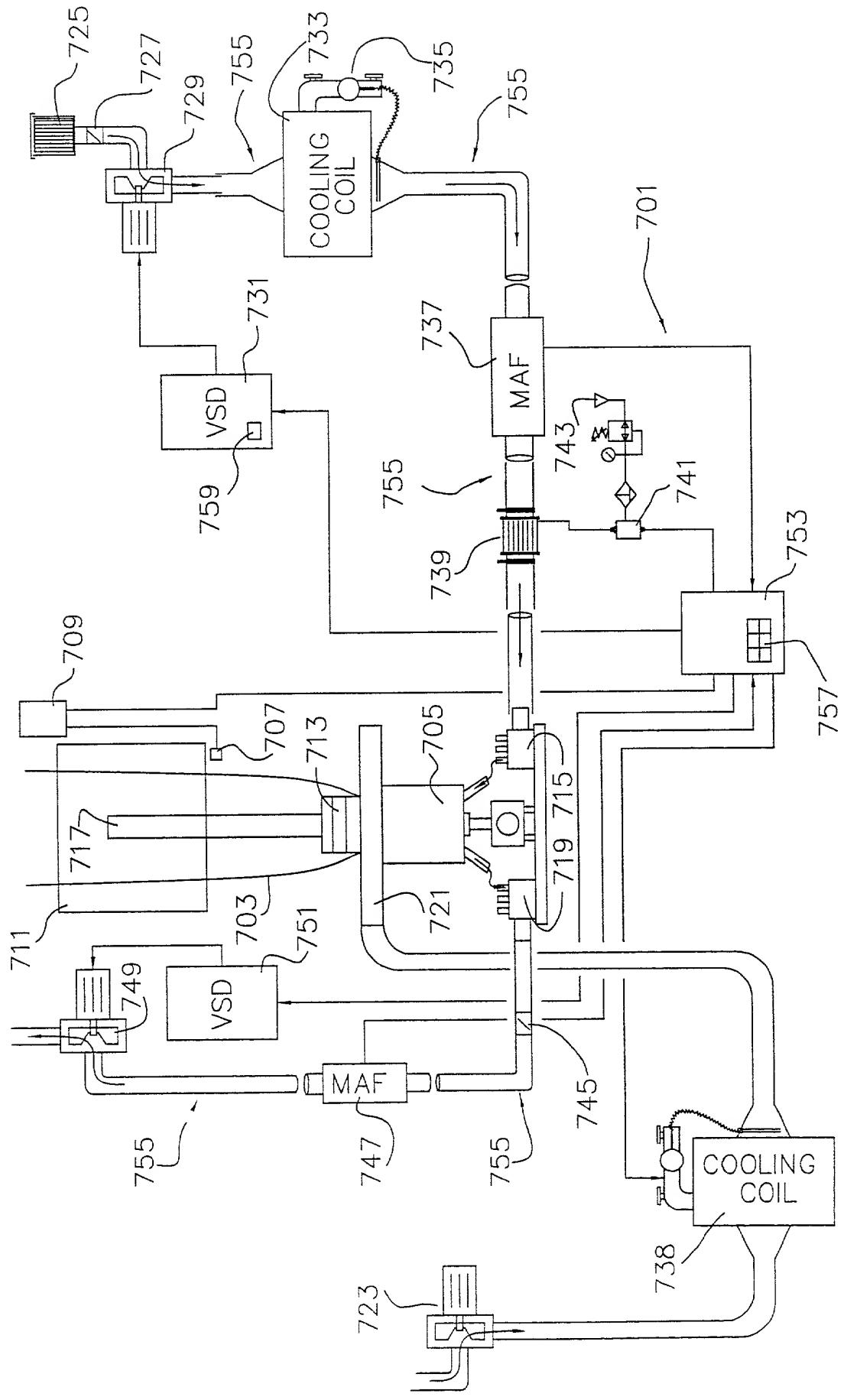
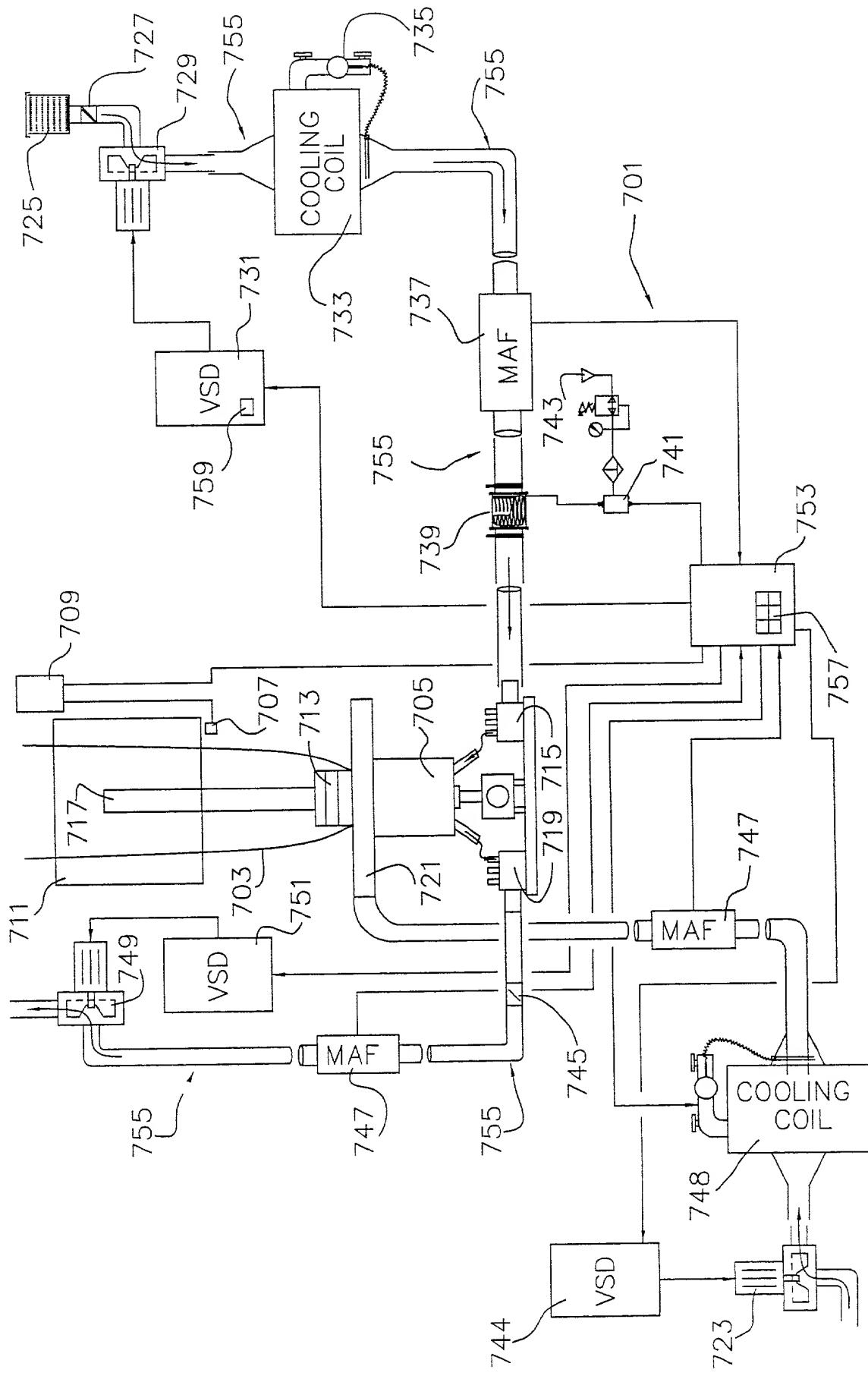


FIGURE 31



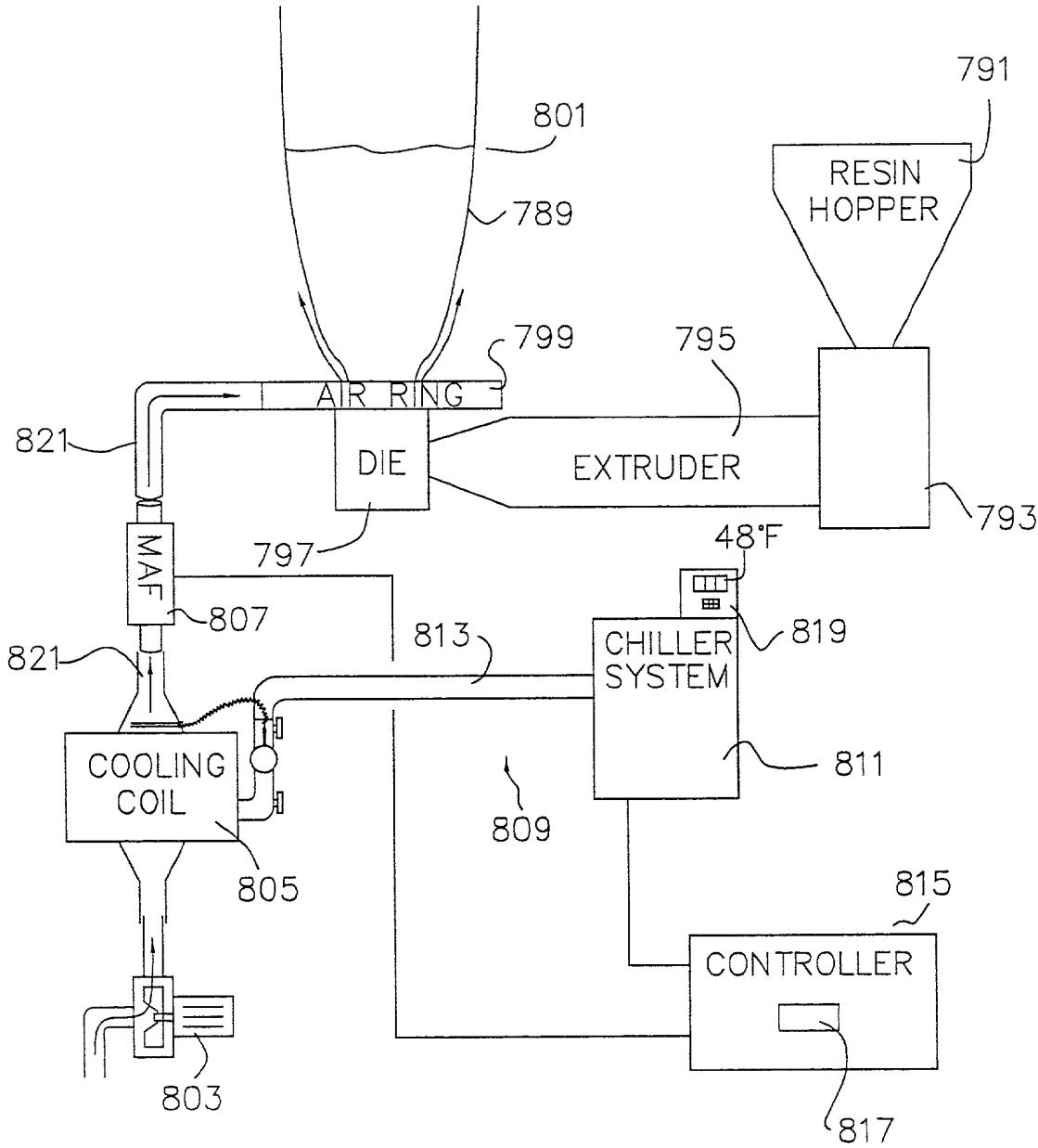


FIGURE 32

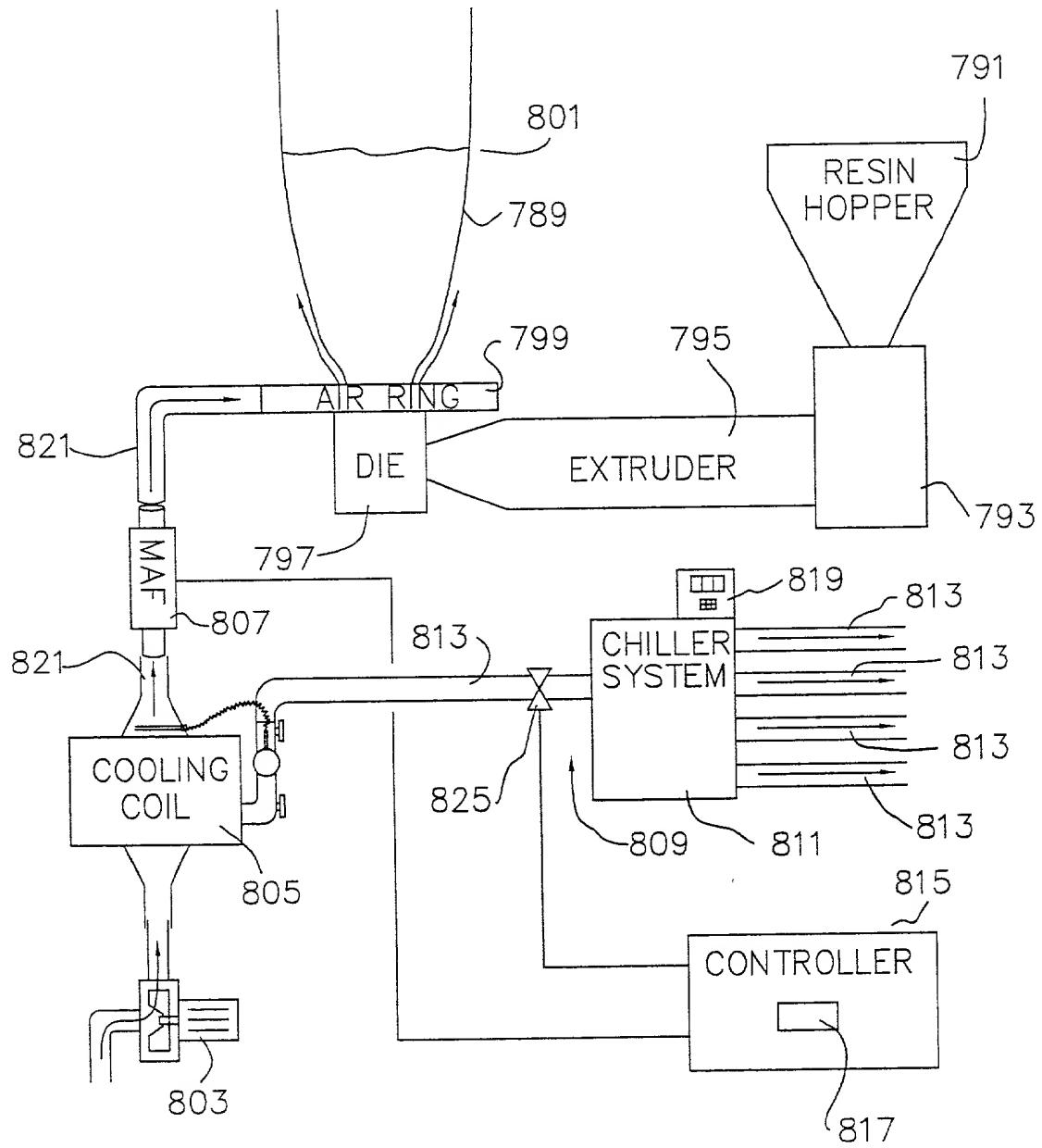


FIGURE 33

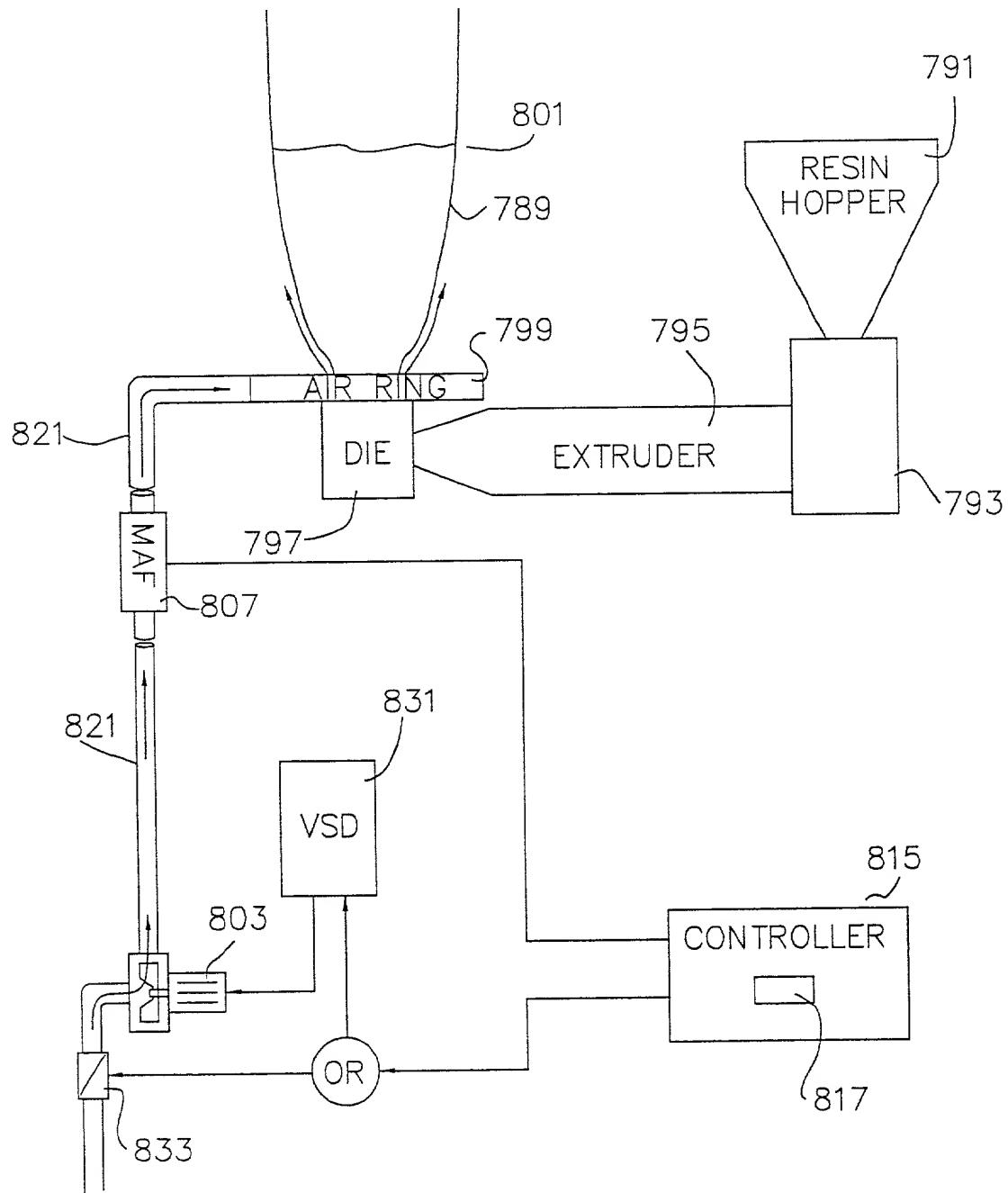


FIGURE 34

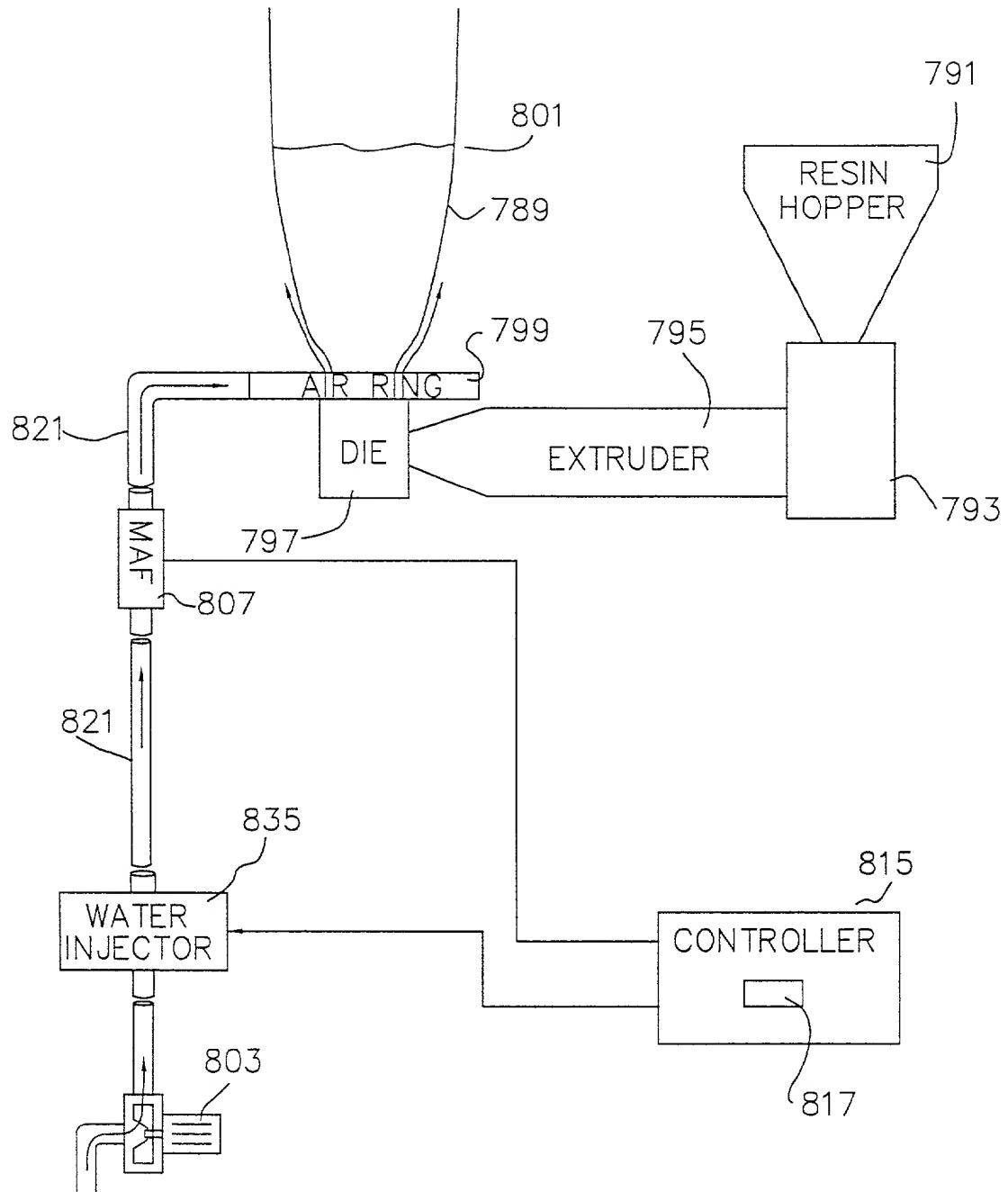


FIGURE 35

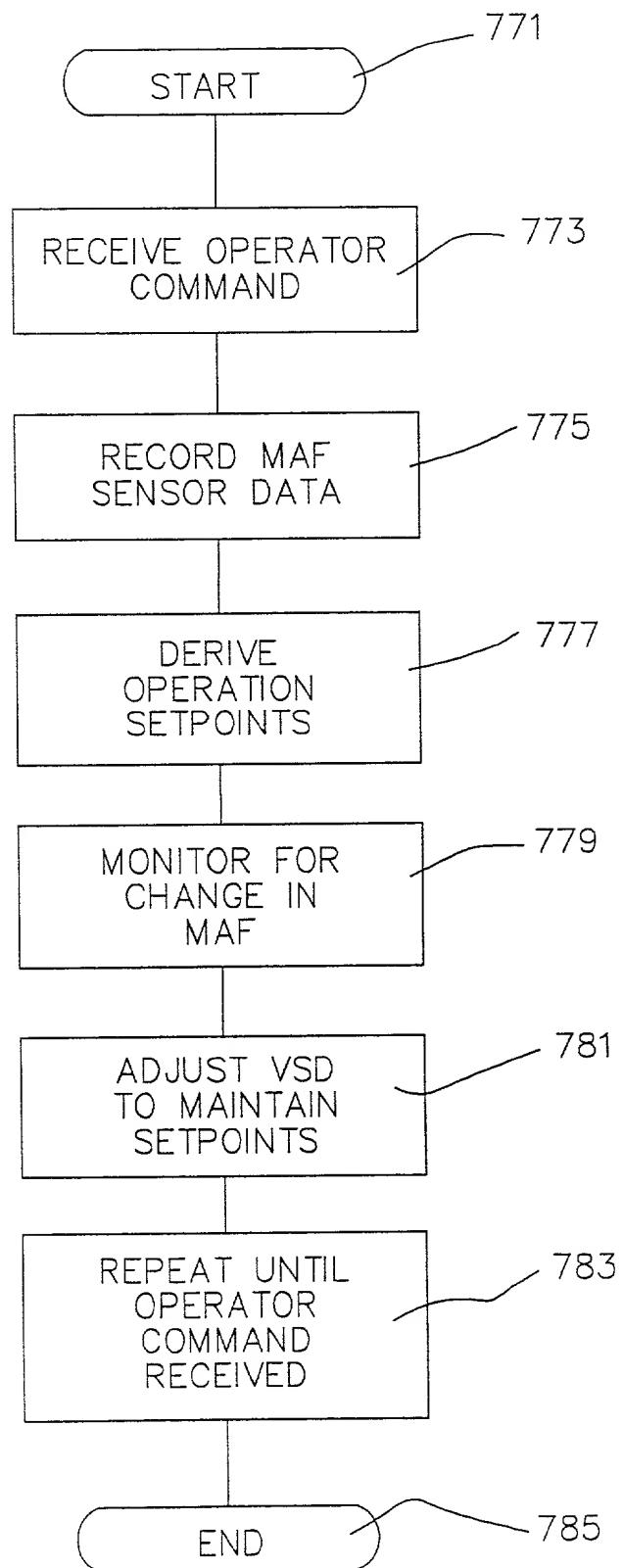


FIGURE 36

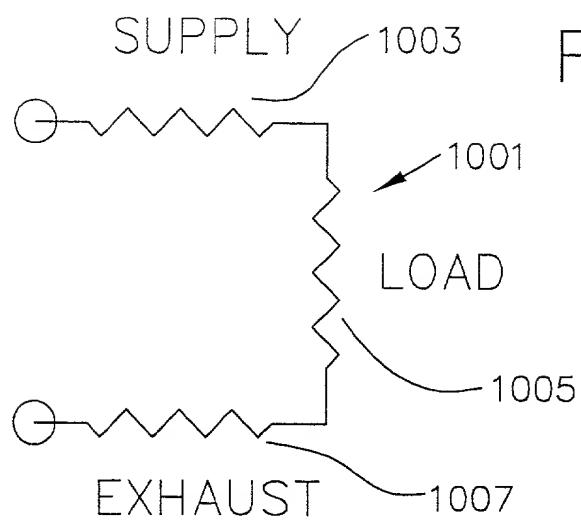


FIGURE 37A
 (PRIOR ART)

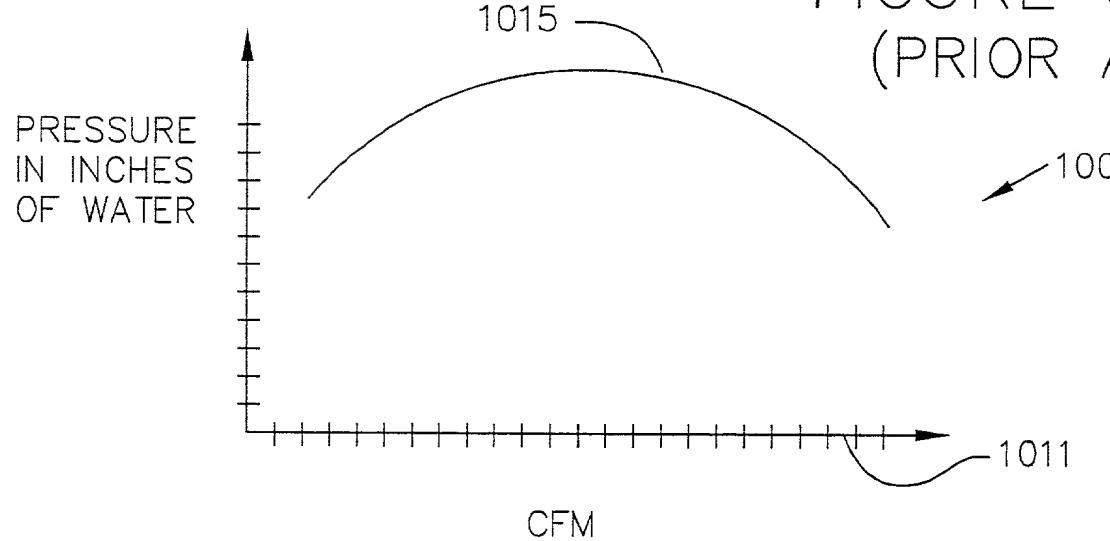


FIGURE 37B
 (PRIOR ART)

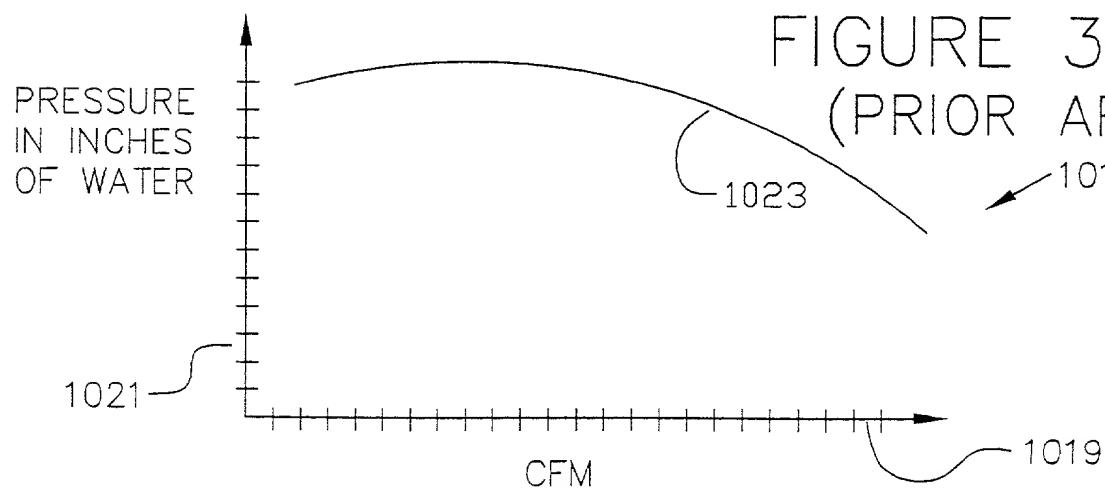


FIGURE 37C
 (PRIOR ART)

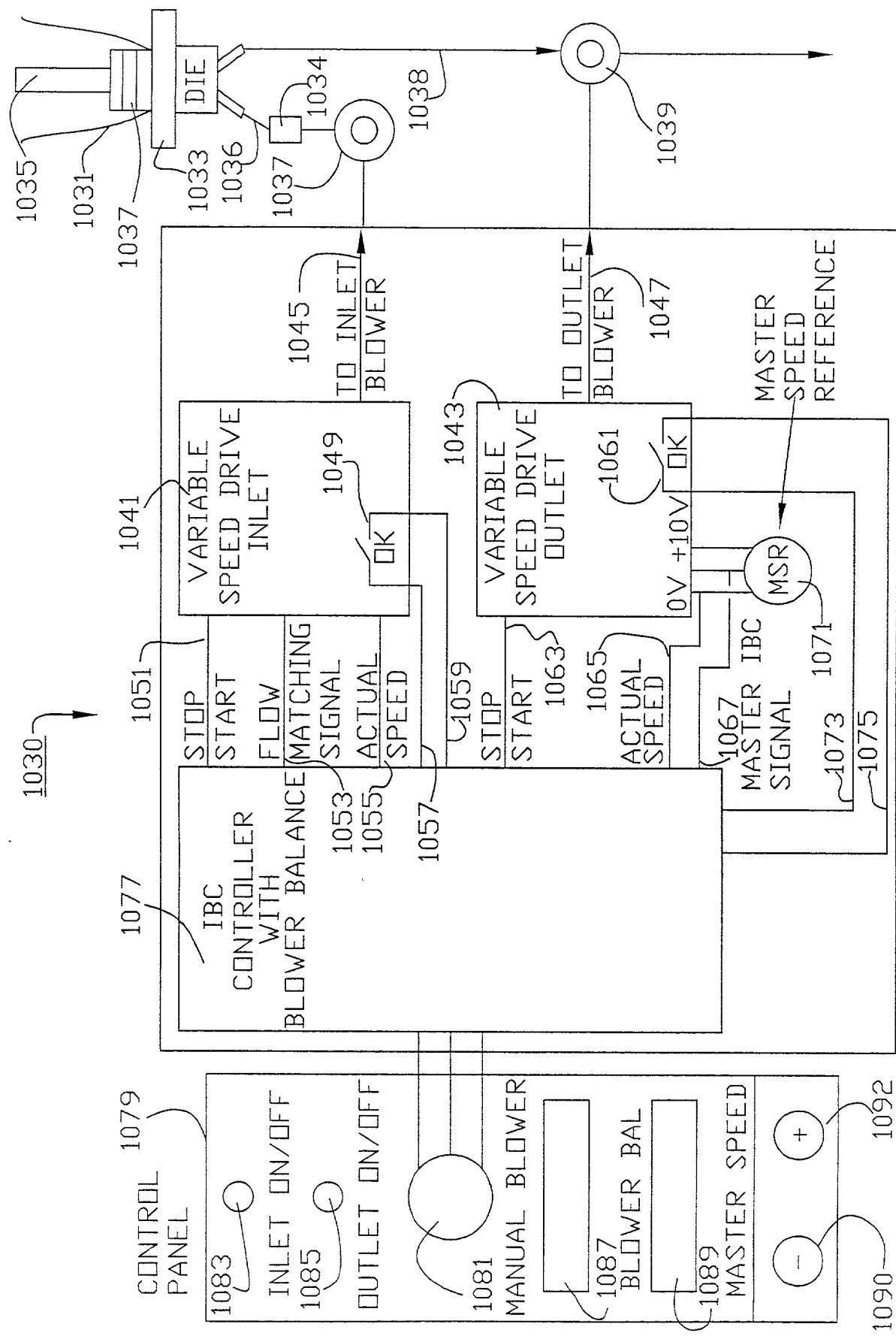


FIGURE 37D

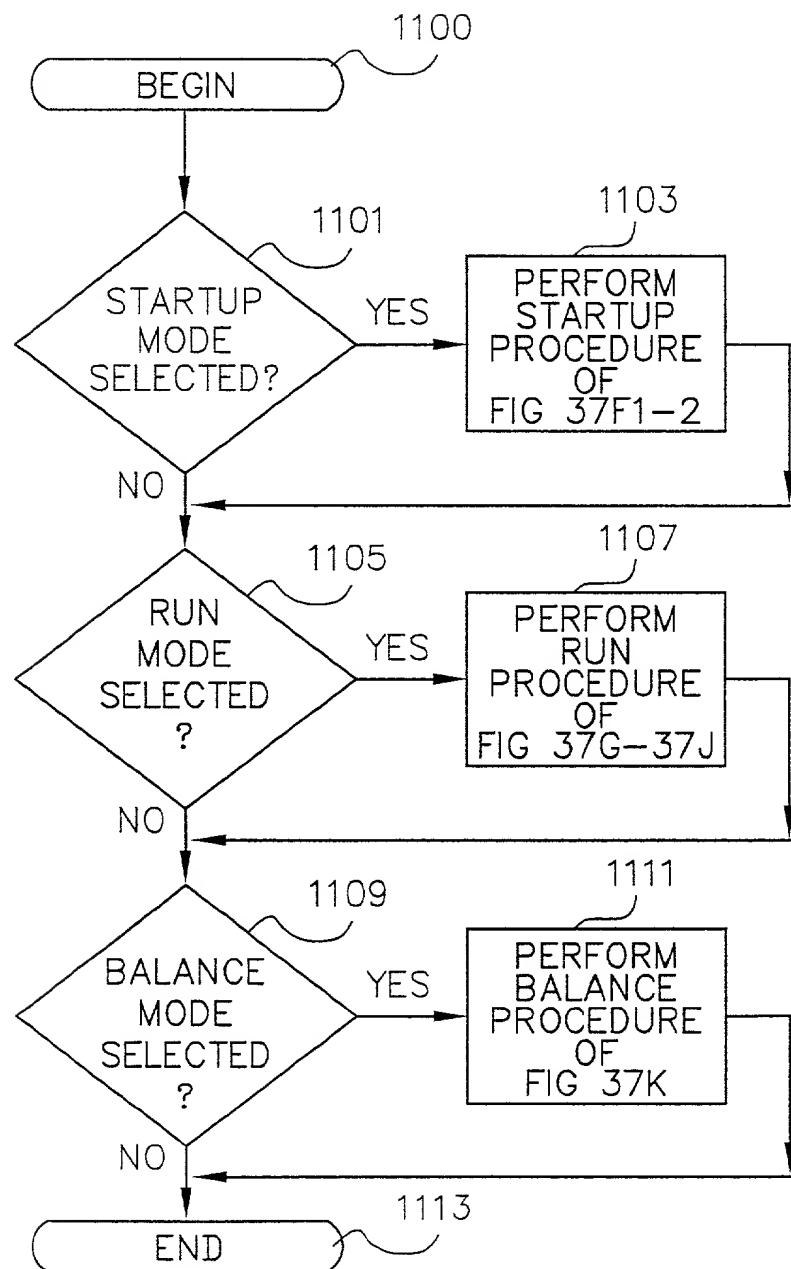
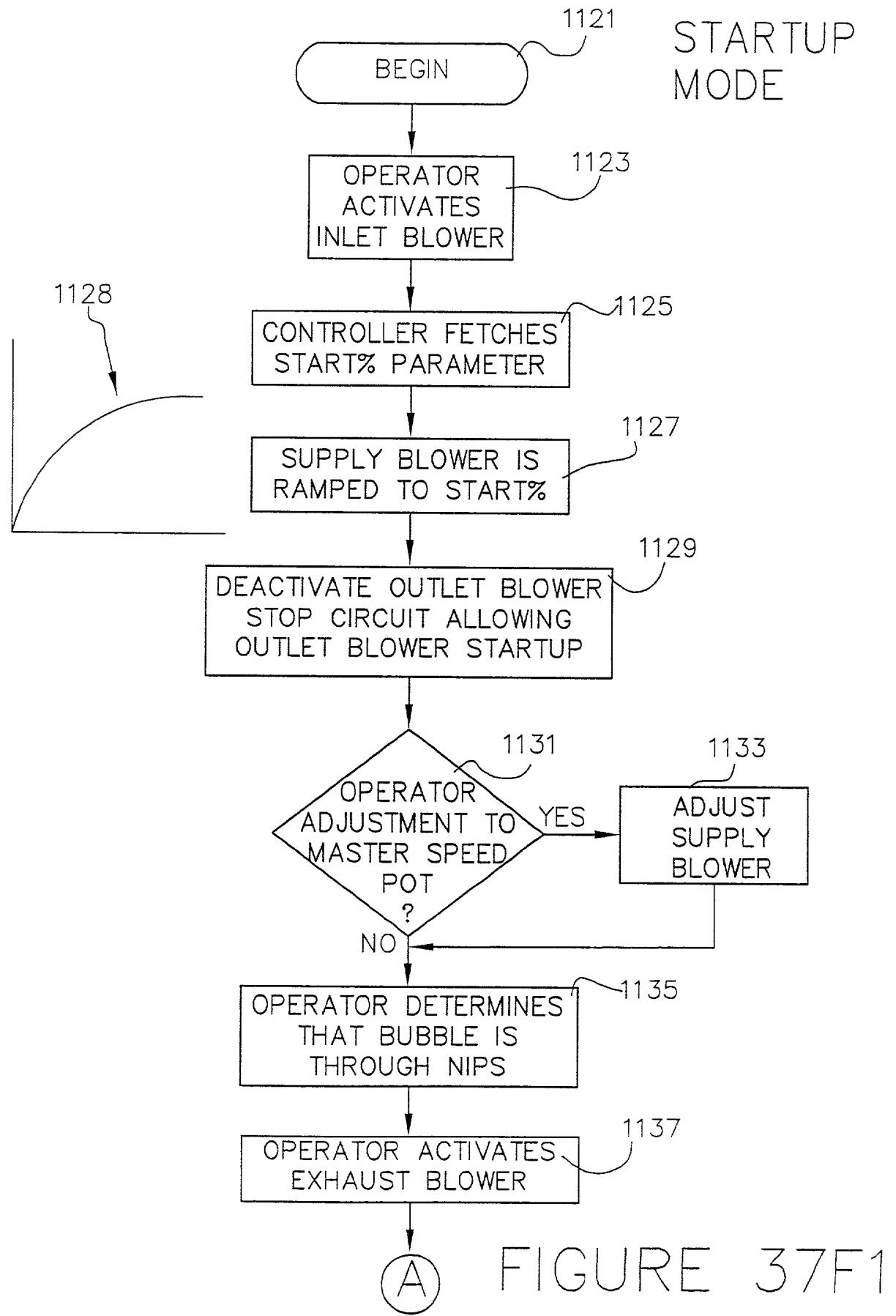


FIGURE 37E



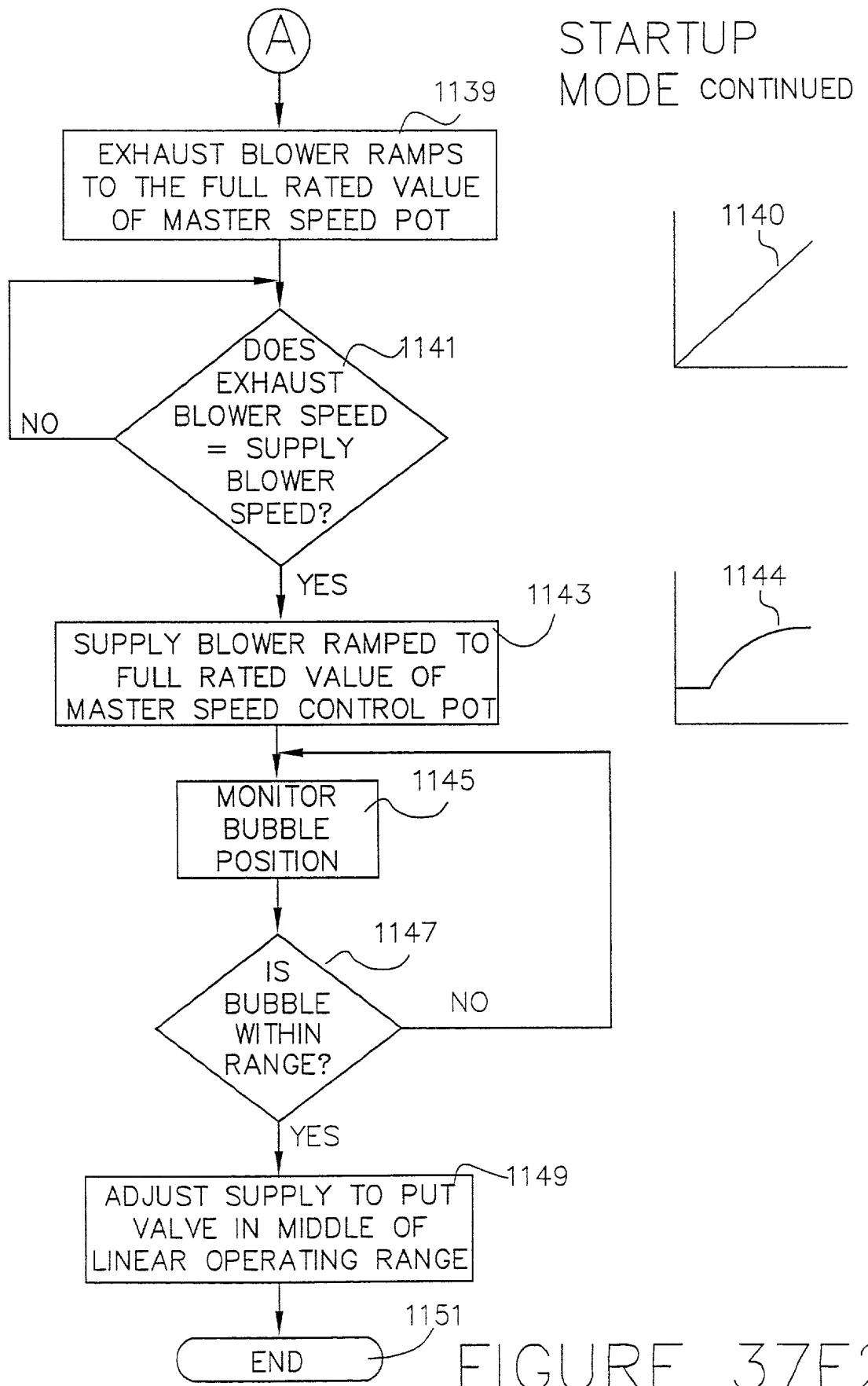


FIGURE 37F2

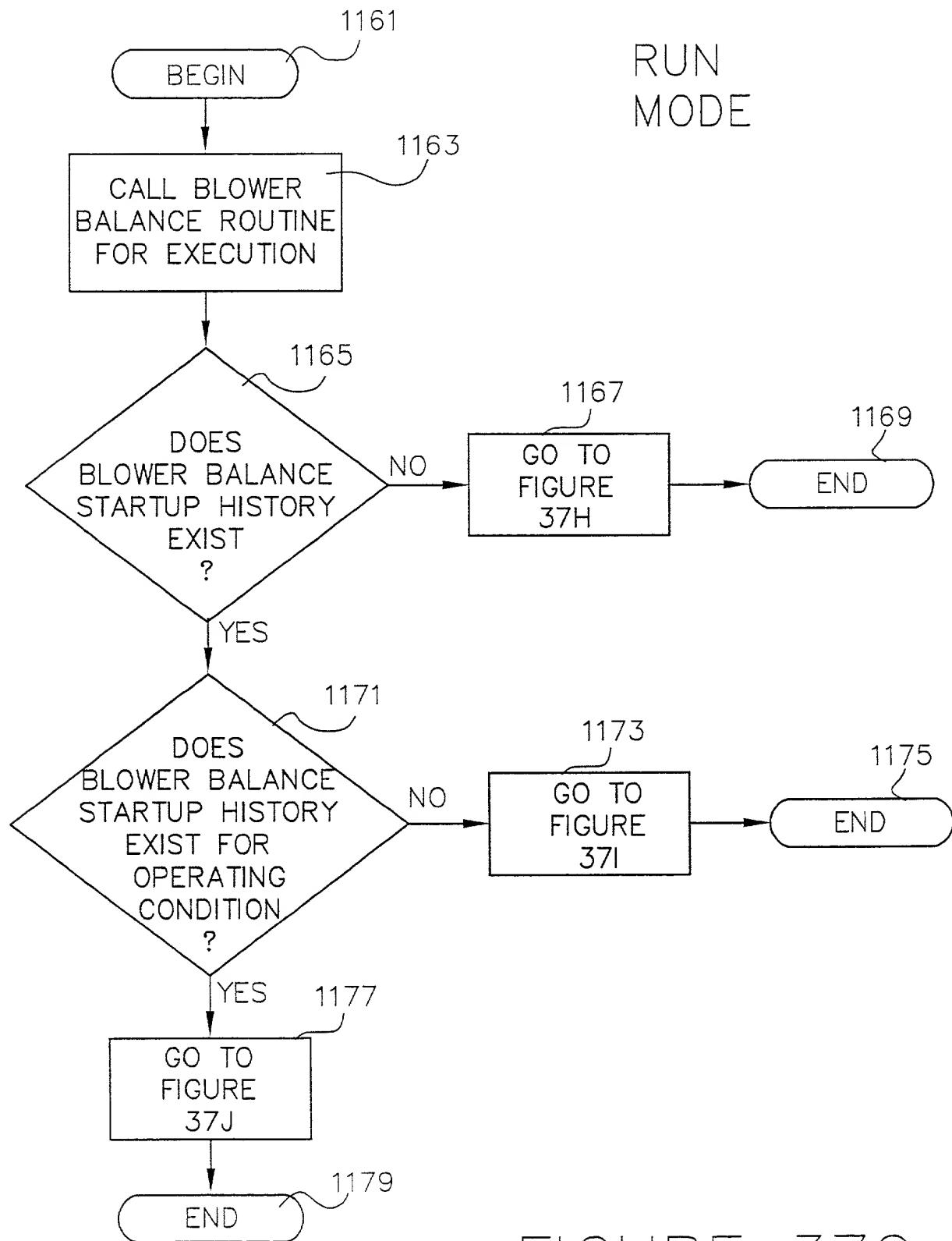


FIGURE 37G

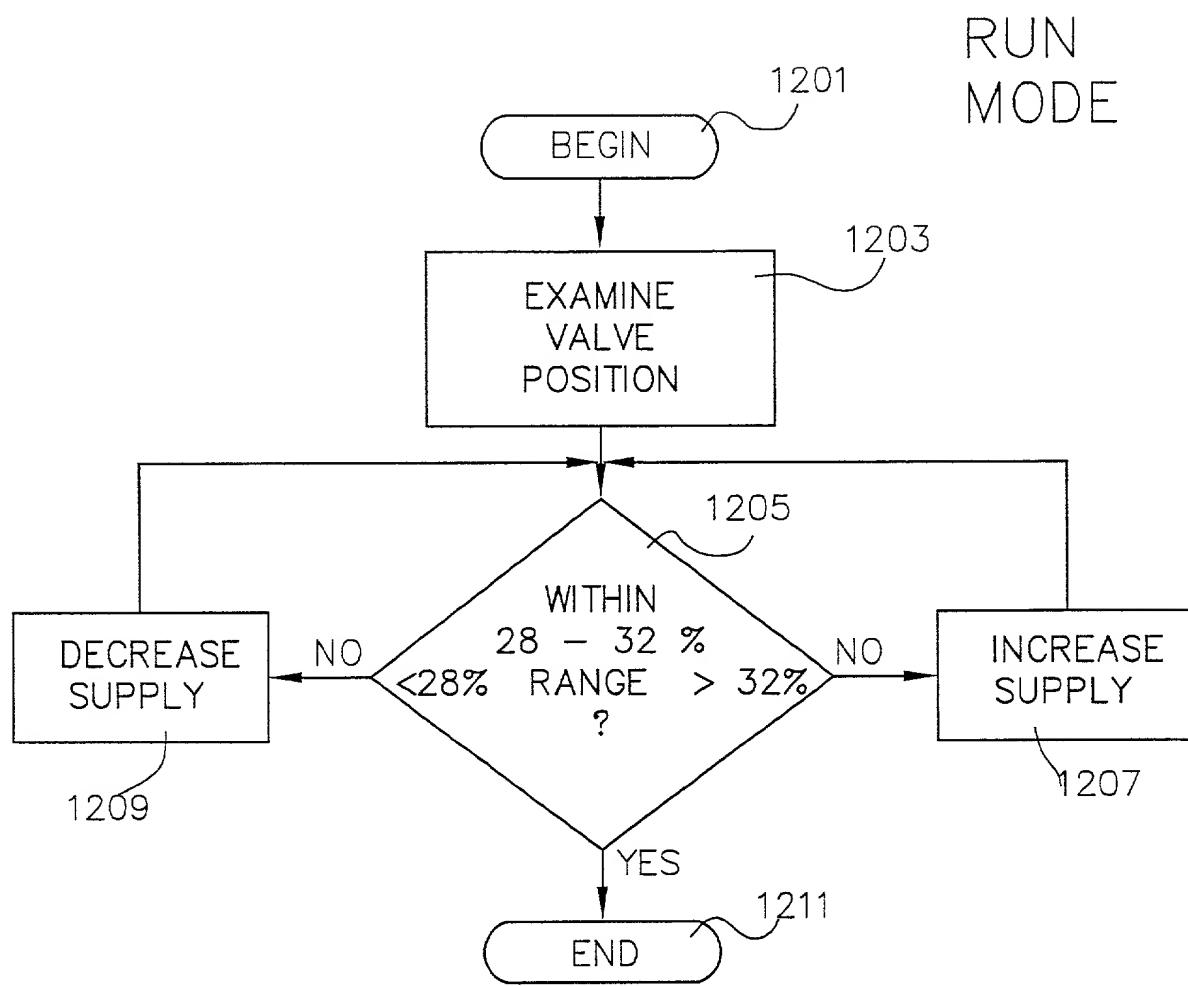


FIGURE 37H

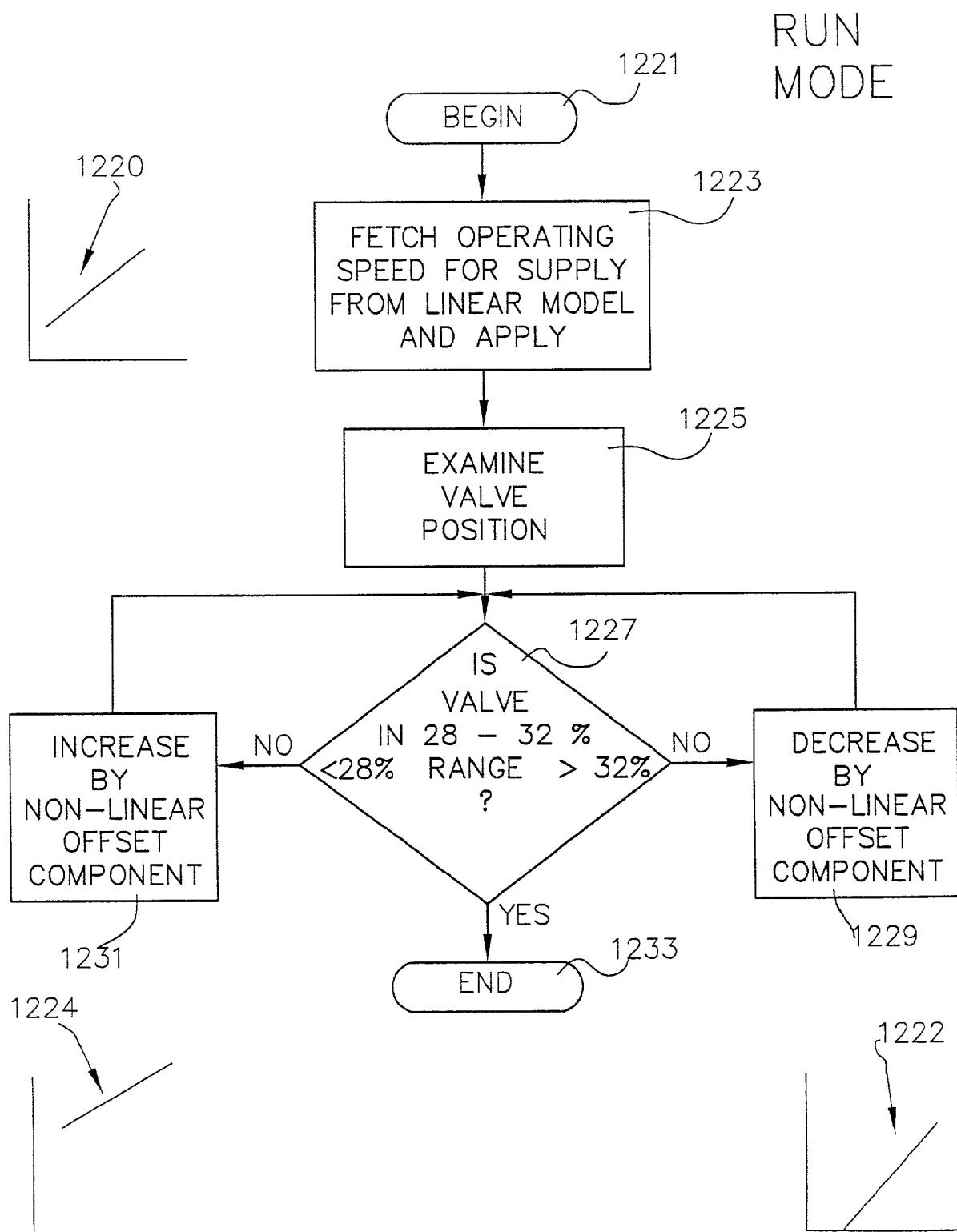


FIGURE 371

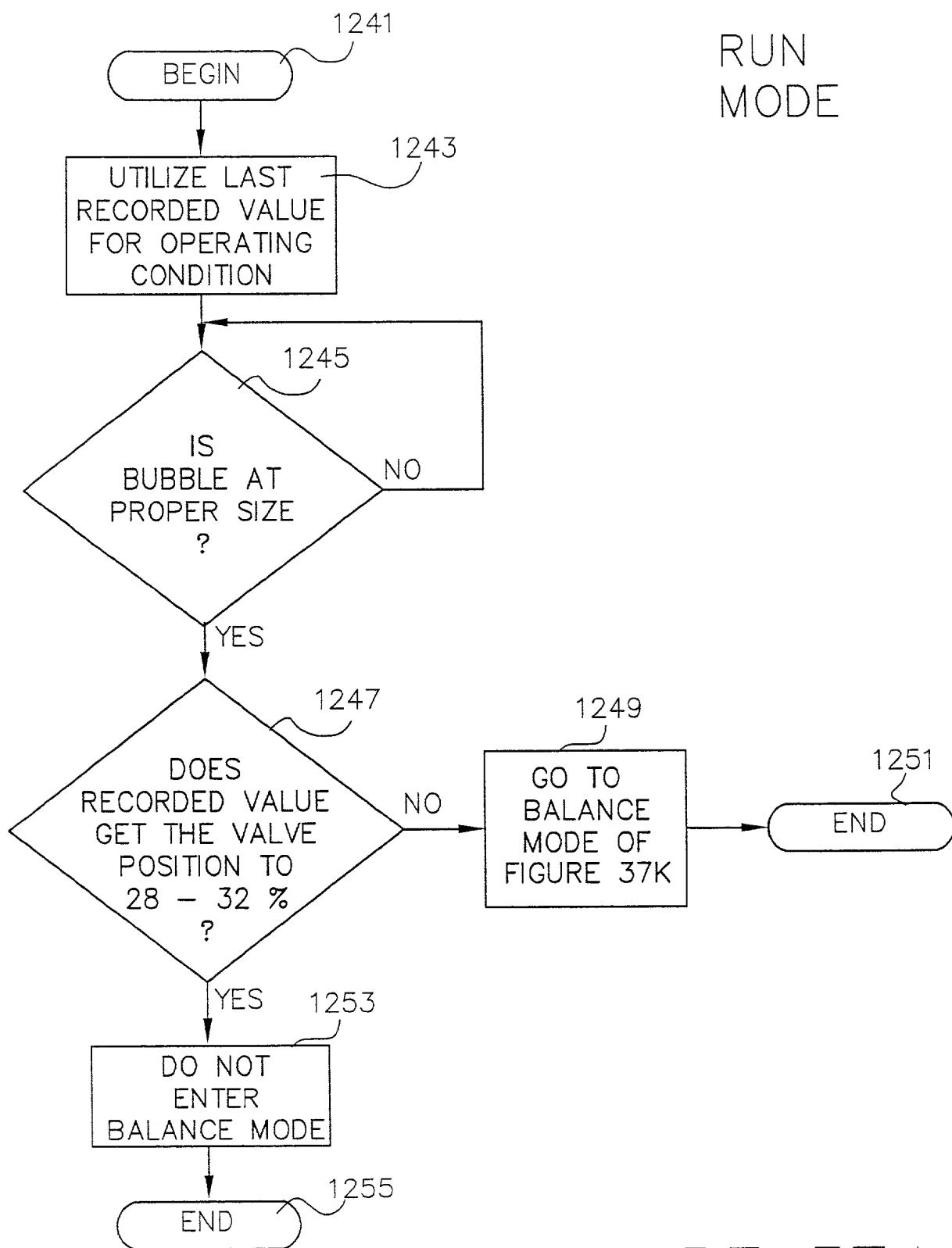


FIGURE 37J

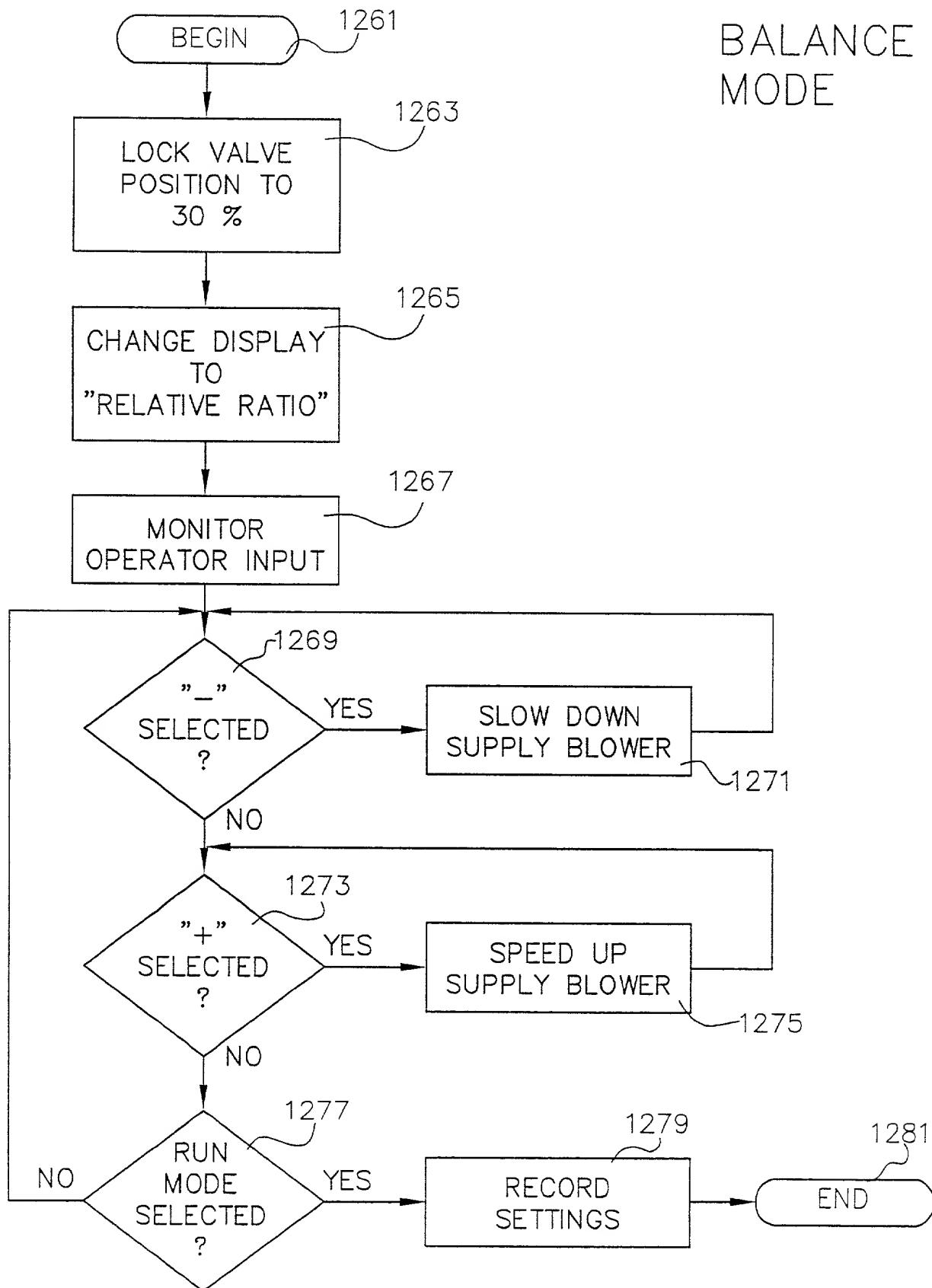


FIGURE 37K

MASTER SPEED POT SETTING	SUPPLY SPEED	REFERENCE VOLTS
A% B% ○ ○ ○ ○ Z%	AC AG ○ ○ ○ ○ AM	BD BF ○ ○ ○ ○ BX

FIGURE 37L

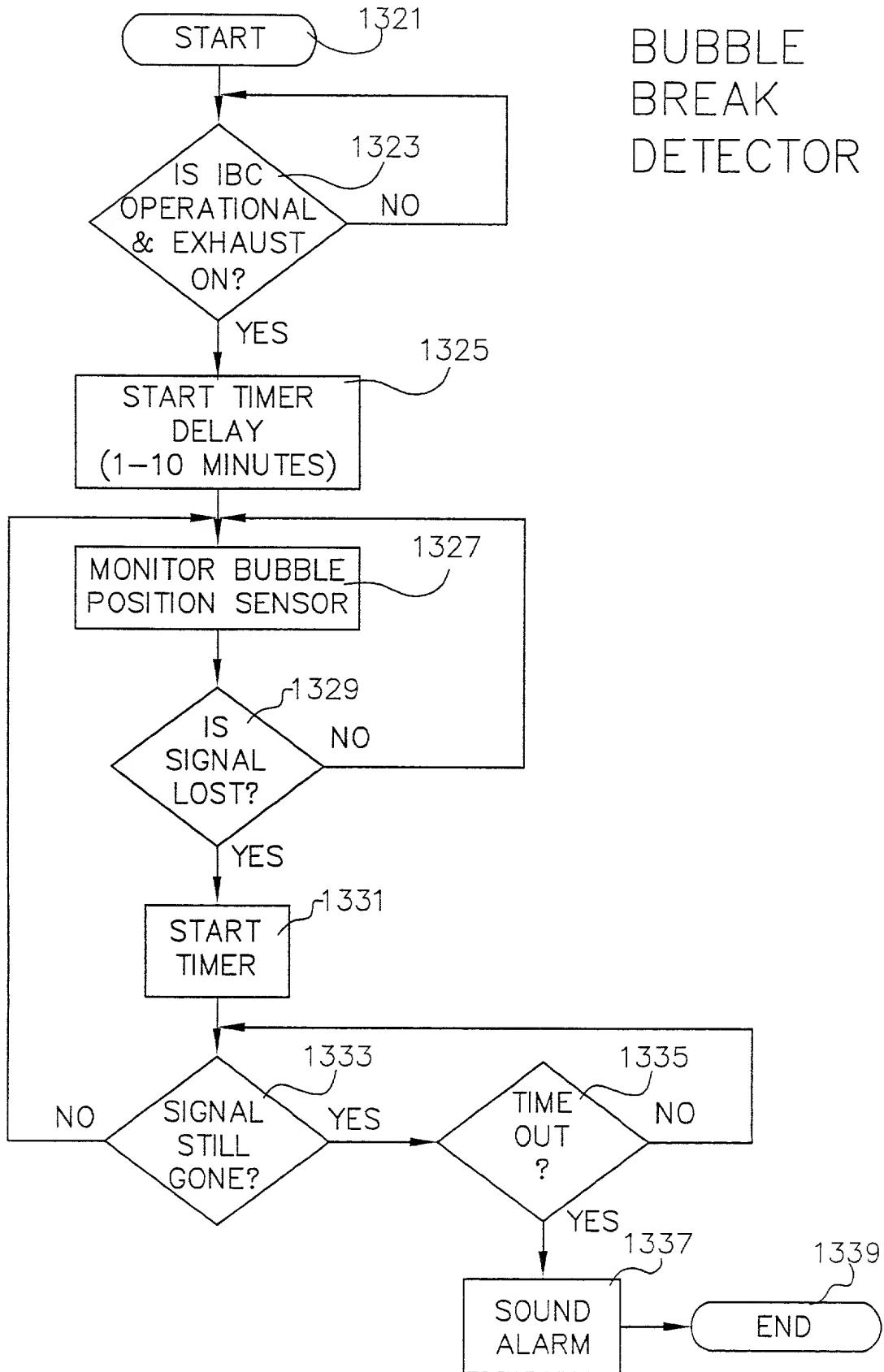


FIGURE 37M